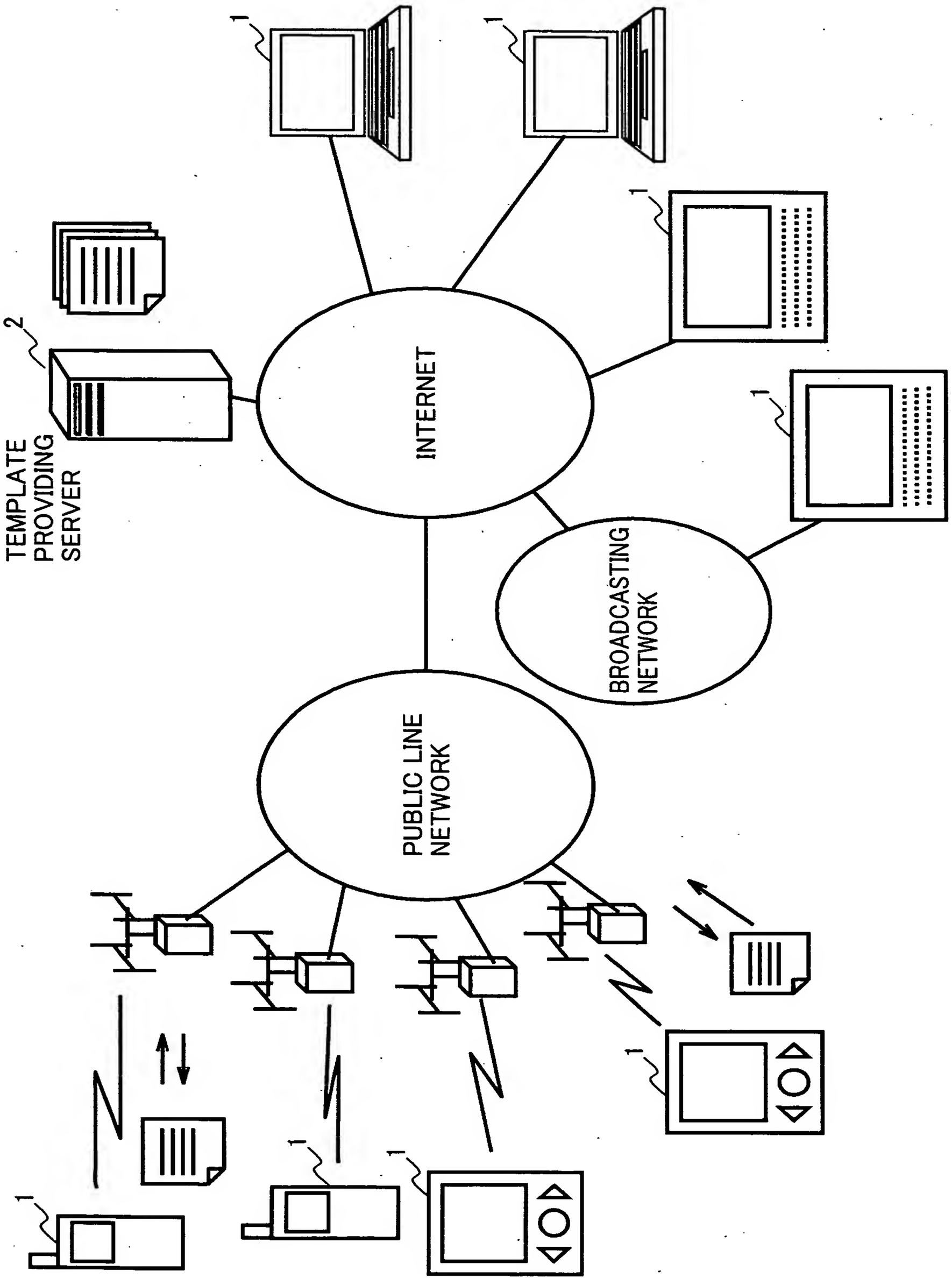

1
2
TEMPLATE PROVIDING SERVER
INTERNET
PUBLIC LINE NETWORK
BROADCASTING NETWORK

FIG.1

FIG.2

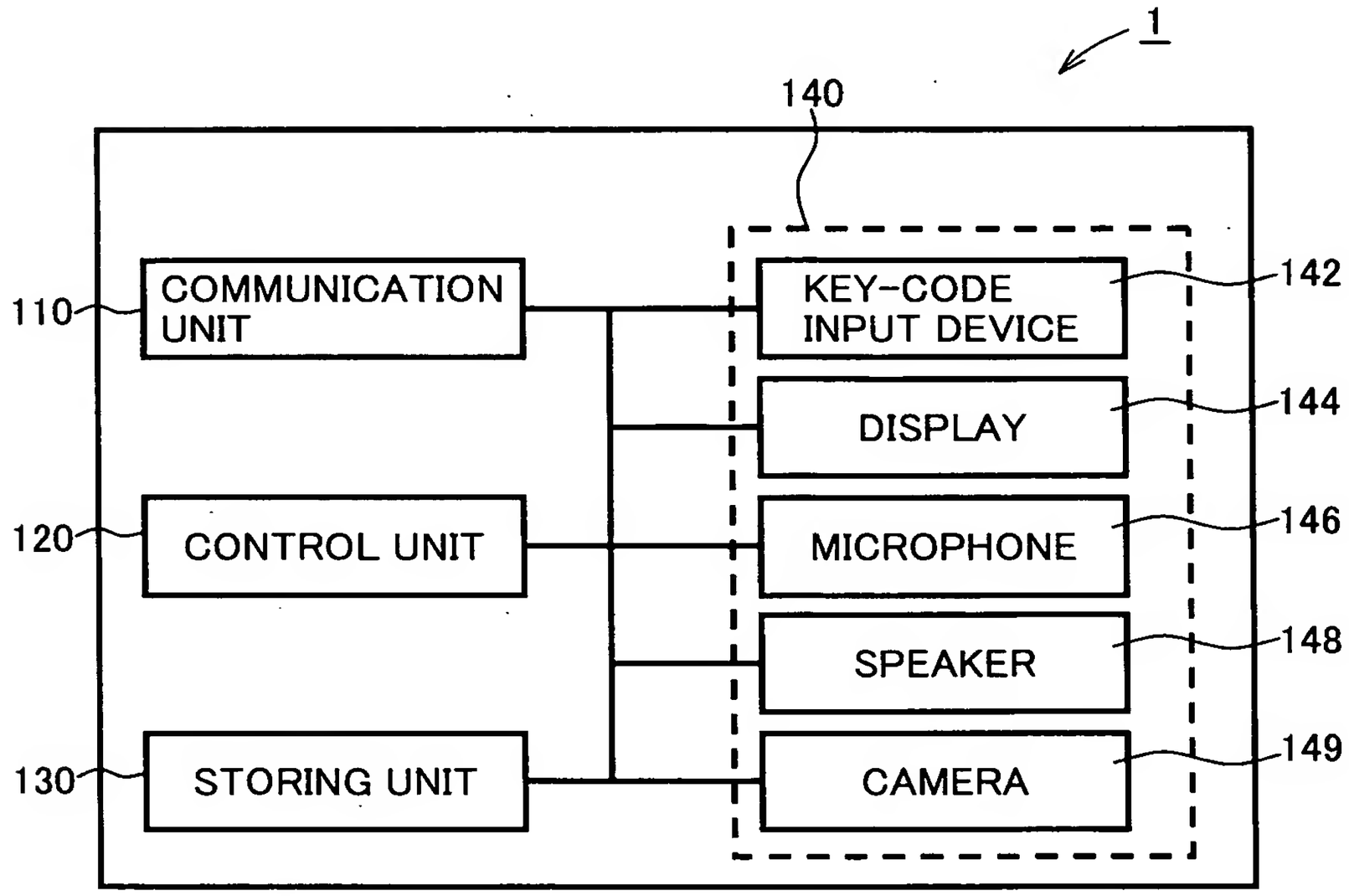

1
140
110
COMMUNICATION UNIT
120
CONTROL UNIT
130
STORING UNIT
KEY-CODE INPUT DEVICE
142
DISPLAY
144
MICROPHONE
146
SPEAKER
148
CAMERA
149

FIG.3

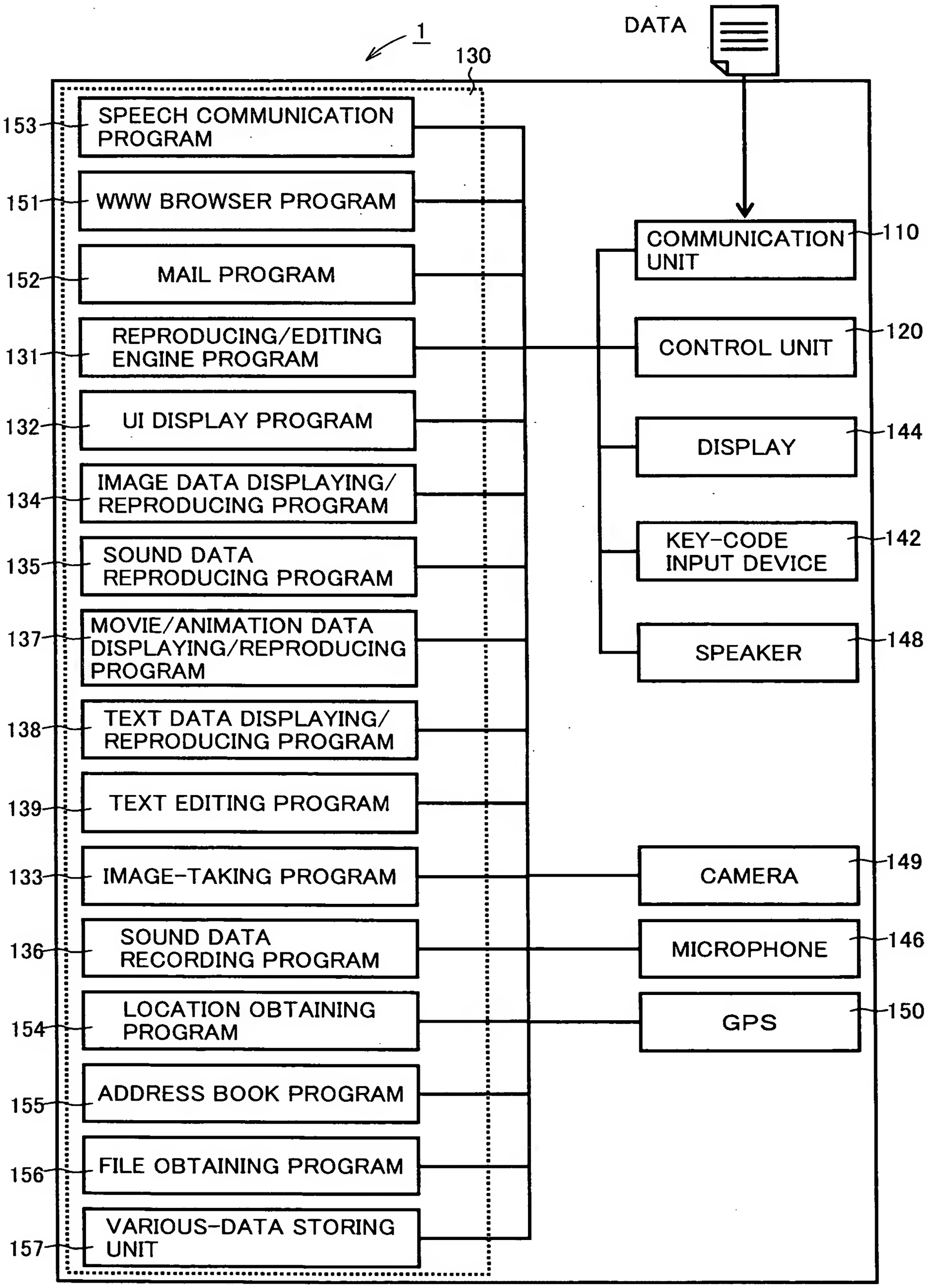

1
130
DATA
153
SPEECH COMMUNICATION PROGRAM
151
WWW BROWSER PROGRAM
152
MAIL PROGRAM
131
REPRODUCING/EDITING ENGINE PROGRAM
132
UI DISPLAY PROGRAM
134
IMAGE DATA DISPLAYING/ REPRODUCING PROGRAM
135
SOUND DATA REPRODUCING PROGRAM
137
MOVIE/ANIMATION DATA DISPLAYING/REPRODUCING PROGRAM
138
TEXT DATA DISPLAYING/ REPRODUCING PROGRAM
139
TEXT EDITING PROGRAM
133
IMAGE-TAKING PROGRAM
136
SOUND DATA RECORDING PROGRAM
154
LOCATION OBTAINING PROGRAM
155
ADDRESS BOOK PROGRAM
156
FILE OBTAINING PROGRAM
157
VARIOUS-DATA STORING UNIT
COMMUNICATION UNIT
110
CONTROL UNIT
120
DISPLAY
144
KEY-CODE INPUT DEVICE
142
SPEAKER
148
CAMERA
149
MICROPHONE
146
GPS
150

FIG.4

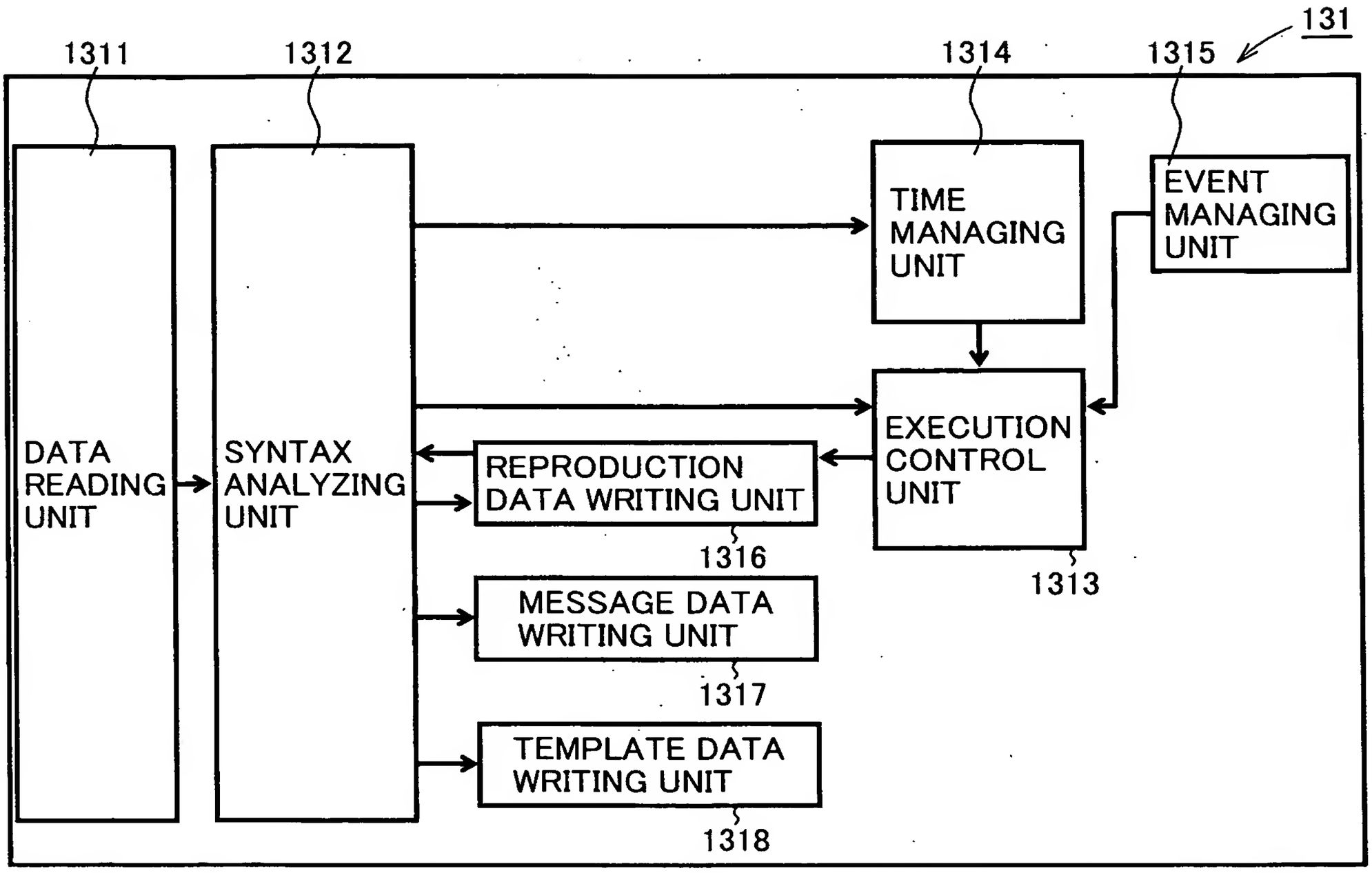

131
1311
1312
1314
1315
DATA READING UNIT
SYNTAX ANALYZING UNIT
TIME MANAGING UNIT
EVENT MANAGING UNIT
EXECUTION CONTROL UNIT
1313
REPRODUCTION DATA WRITING UNIT
1316
MESSAGE DATA WRITING UNIT
1317
TEMPLATE DATA WRITING UNIT
1318

FIG.5

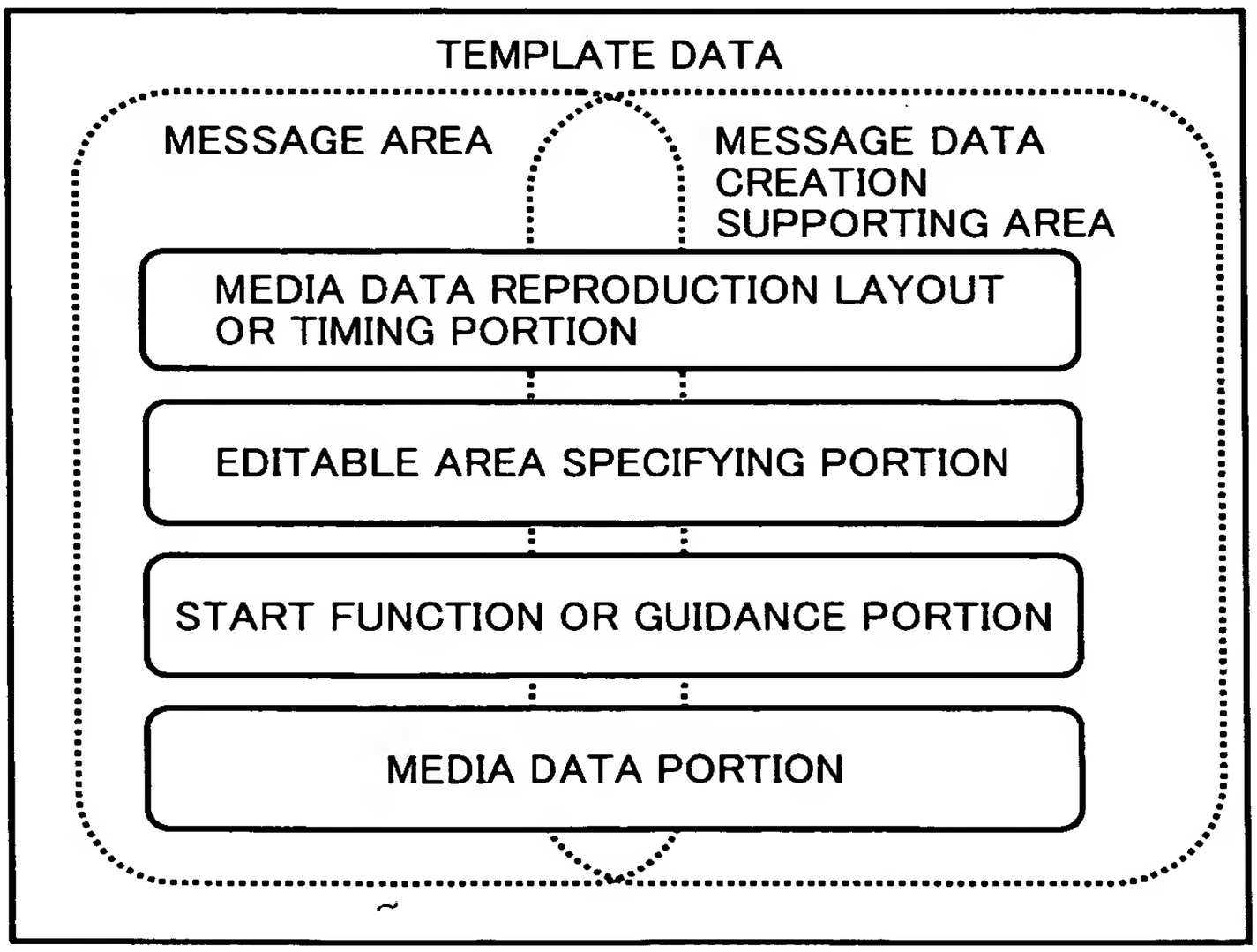

TEMPLATE DATA
MESSAGE AREA
MESSAGE DATA CREATION SUPPORTING AREA
MEDIA DATA REPRODUCTION LAYOUT OR TIMING PORTION
EDITABLE AREA SPECIFYING PORTION
START FUNCTION OR GUIDANCE PORTION
MEDIA DATA PORTION

FIG.6

```
1.  <smil>
2.  <head>
3.      <meta name="title" content="Happy Birthday" />
4.      <meta name="author" content="Sharp" />
5.      <meta name="role" content="template" />
6.      <meta name="replace" content="FirstText.txt:text_edit" />
7.      <meta name="replace" content="SecondImage.jpg:camera" />
8.      <meta name="replace" content="SecondSound.mp3:mic" />
9.      <layout>
10.         <root-layout width="240" height="300"/>
11.         <region id="Image" width="240" height="240" left="0" top="0" />
12.         <region id="Text" width="240" height="60" left="0" top ="240"/>
13.     </layout>
14. </head>
15. <body>
16.     <par dur = "8s">
17.         <video src = "FirstImage.mpg" region="Image" />
18.         <text id="text1" src="FirstText.txt" region="Text" />
19.         <audio src = "FirstSound.smf" />
20.         <guidance desc="ENTER MESSAGE" />
21.     </par>
22.     <par dur = "8s">
23.         <img id="pic2" src = "SecondImage.jpg" region="Image" />
24.         <text src="SecondText.txt" region="Text" />
25.         <audio id="audio2" src = "SecondSound.mp3" />
26.         <guidance desc="TAKE PICTURE" />
27.         <guidance desc="RECORD VIA MIC" />
28.     </par>
29. </body>
30. </smil>
```

EDITABLE AREA SPECIFYING PORTION

START FUNCTION OR GUIDANCE PORTION

MEDIA DATA REPRODUCTION LAYOUT OR TIMING PORTION

GUIDANCE PORTION

GUIDANCE PORTION

FIG.7

```
1.  <smil>
2.  <head>
3.    <meta name="title" content="Happy Birthday" />
4.    <meta name="author" content="Sharp" />
5.    <meta name="role" content="template" />
6.    <layout>
7.      <root-layout width="240" height="300"/>
8.      <region id="Image" width="240" height="240" left="0" top="0" />
9.      <region id="Text" width="240" height="60" left="0" top ="240"/>
10.   </layout>
11. </head>
12. <body>
13.   <par dur = "8s">
14.     <video src = "FirstMovie.mpg" region="Image" />
15.     <text id="text1" src="FirstText.txt" region="Text" />
16.     <audio src = "FirstSound.smf" />
17.     <prompt command="text_edit" targetId="text1" desc="ENTER MESSAGE" />
18.   </par>
19.   <par dur = "8s">
20.     <img id="pic2" src = "SecondImage.jpg" region="Image" />
21.     <text src="SecondText.txt" region="Text" />
22.     <audio id="audio2" src = "SecondSound.mp3" />
23.     <prompt command="camera" targetId="pic2" desc="TAKE PICTURE" />
24.     <prompt command="mic" targetId="audio2" desc="RECORD VIA MIC" />
25.   </par>
26. </body>
27. </smil>
```

MEDIA DATA REPRODUCTION LAYOUT OR TIMING PORTION

START FUNCTION OR GUIDANCE PORTION
EDITABLE AREA SPECIFYING PORTION

MEDIA DATA REPRODUCTION LAYOUT OR TIMING PORTION

START FUNCTION OR GUIDANCE PORTION
EDITABLE AREA SPECIFYING PORTION

FIG.8

video	START VIDEO CAMERA
camera	START CAMERA
text_edit	ENTER TEXT
mic	RECORD SOUND
file	SELECT FILE
http	START WWW BROWSER
phone	START SPEECH COMMUNICATION

FIG.9

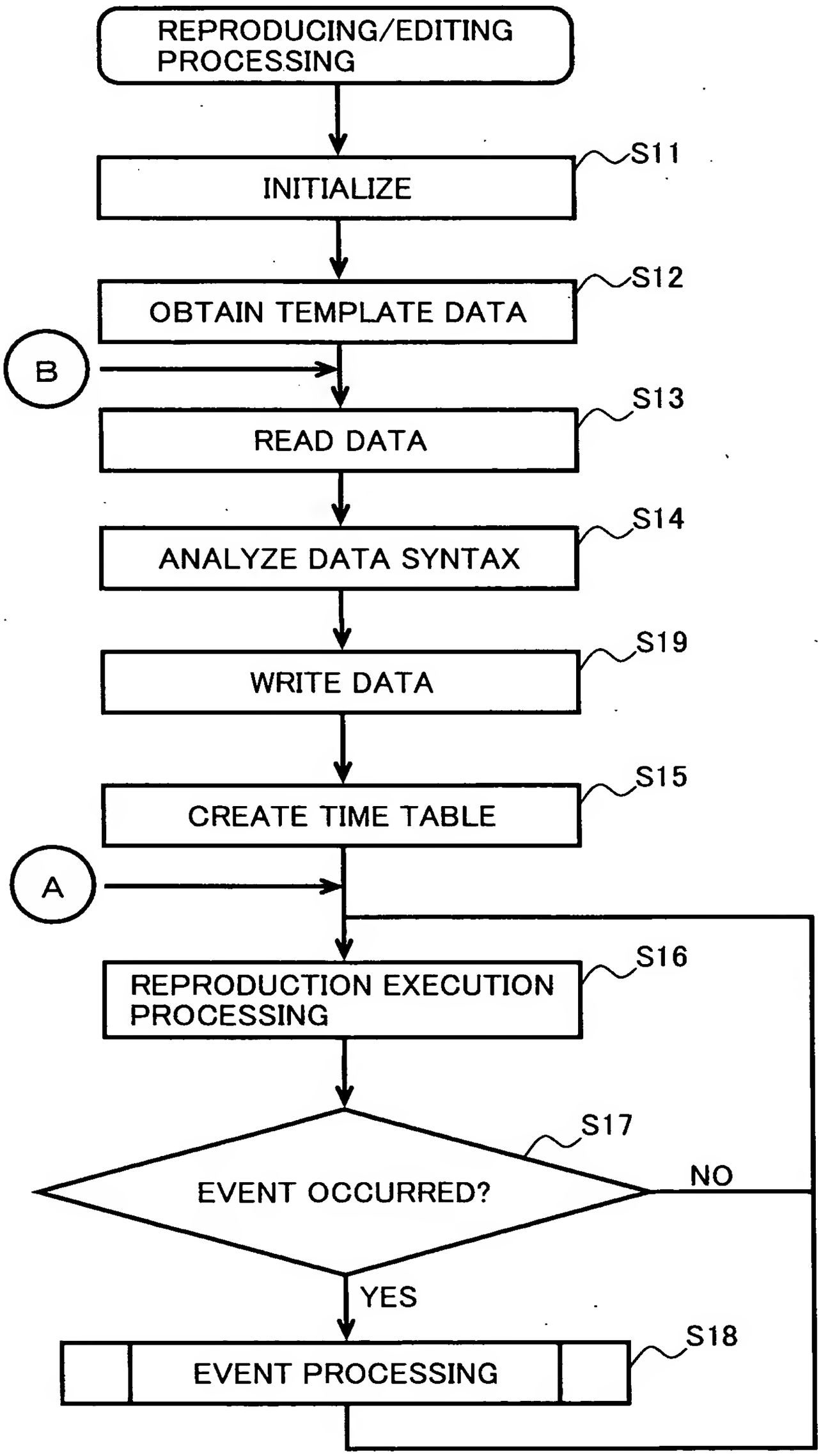

REPRODUCING/EDITING PROCESSING
INITIALIZE
S11
OBTAIN TEMPLATE DATA
S12
B
READ DATA
S13
ANALYZE DATA SYNTAX
S14
WRITE DATA
S19
CREATE TIME TABLE
S15
A
REPRODUCTION EXECUTION PROCESSING
S16
EVENT OCCURRED?
S17
NO
YES
EVENT PROCESSING
S18

FIG.10

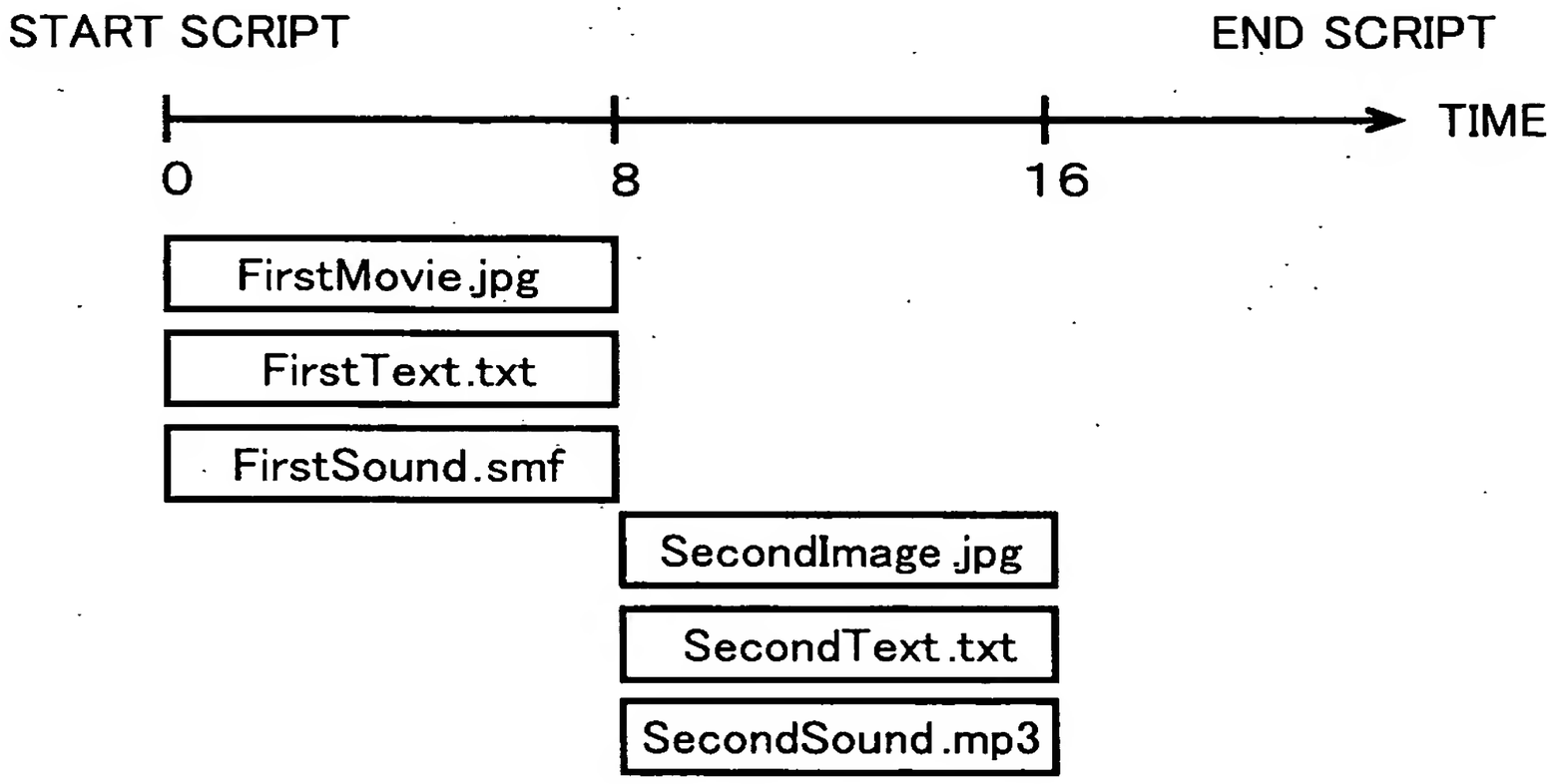


FIG.11

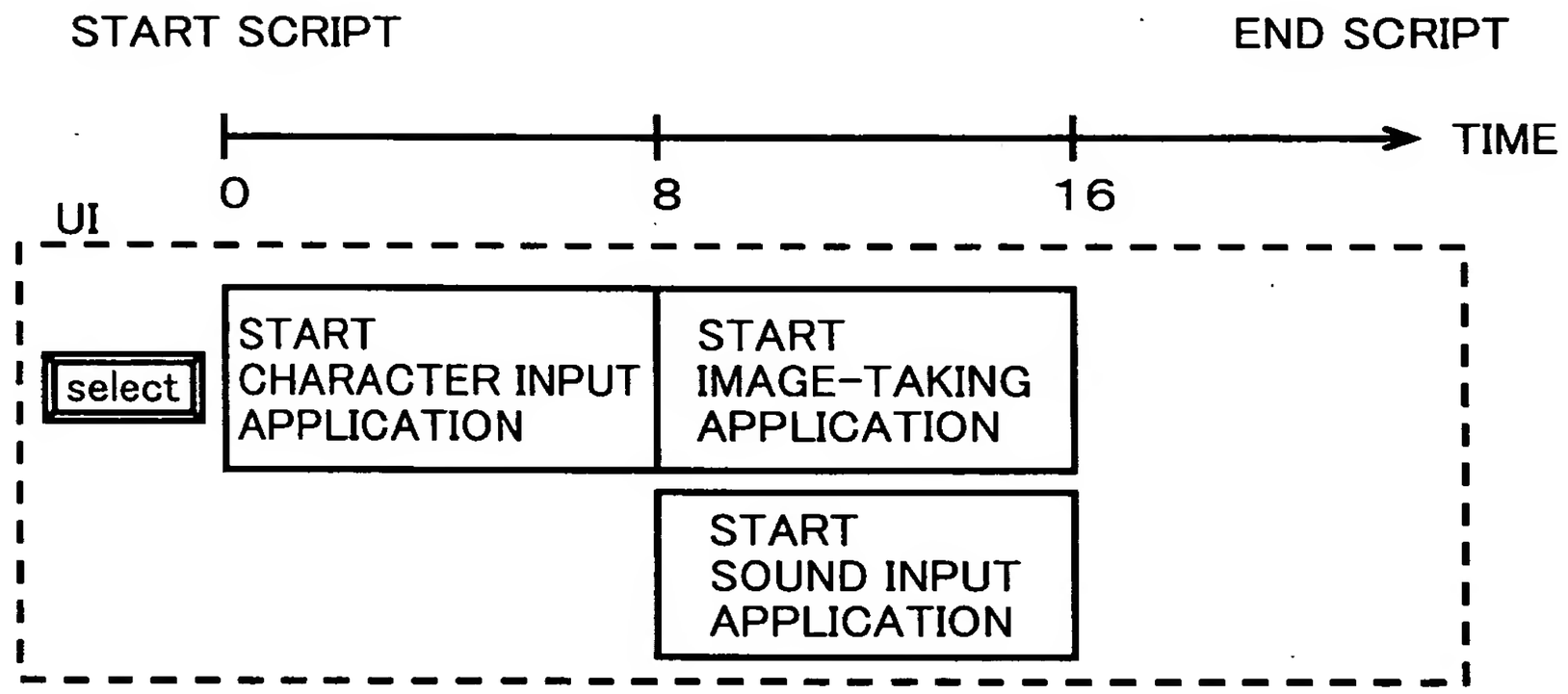


FIG.12

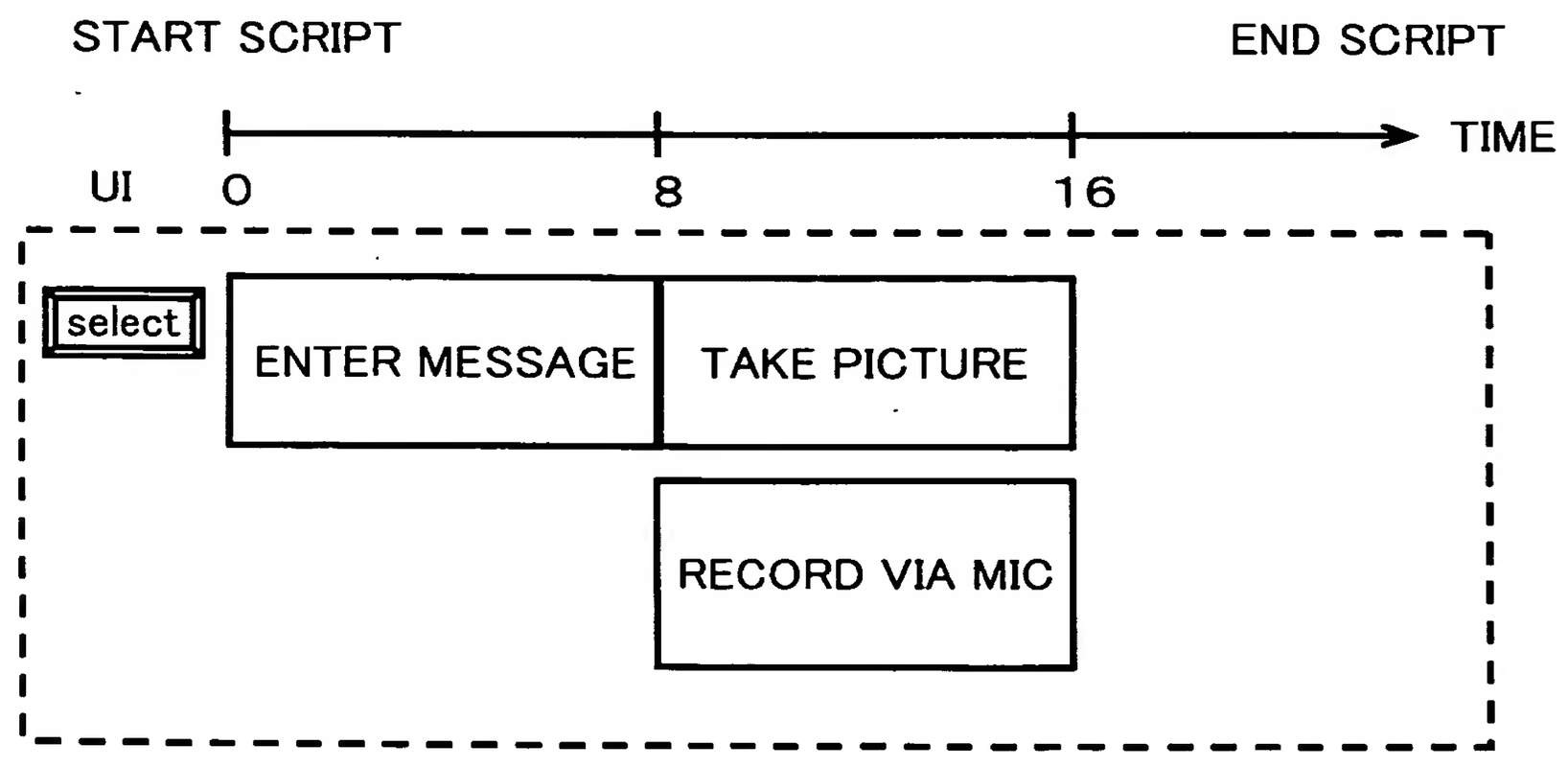


FIG.13

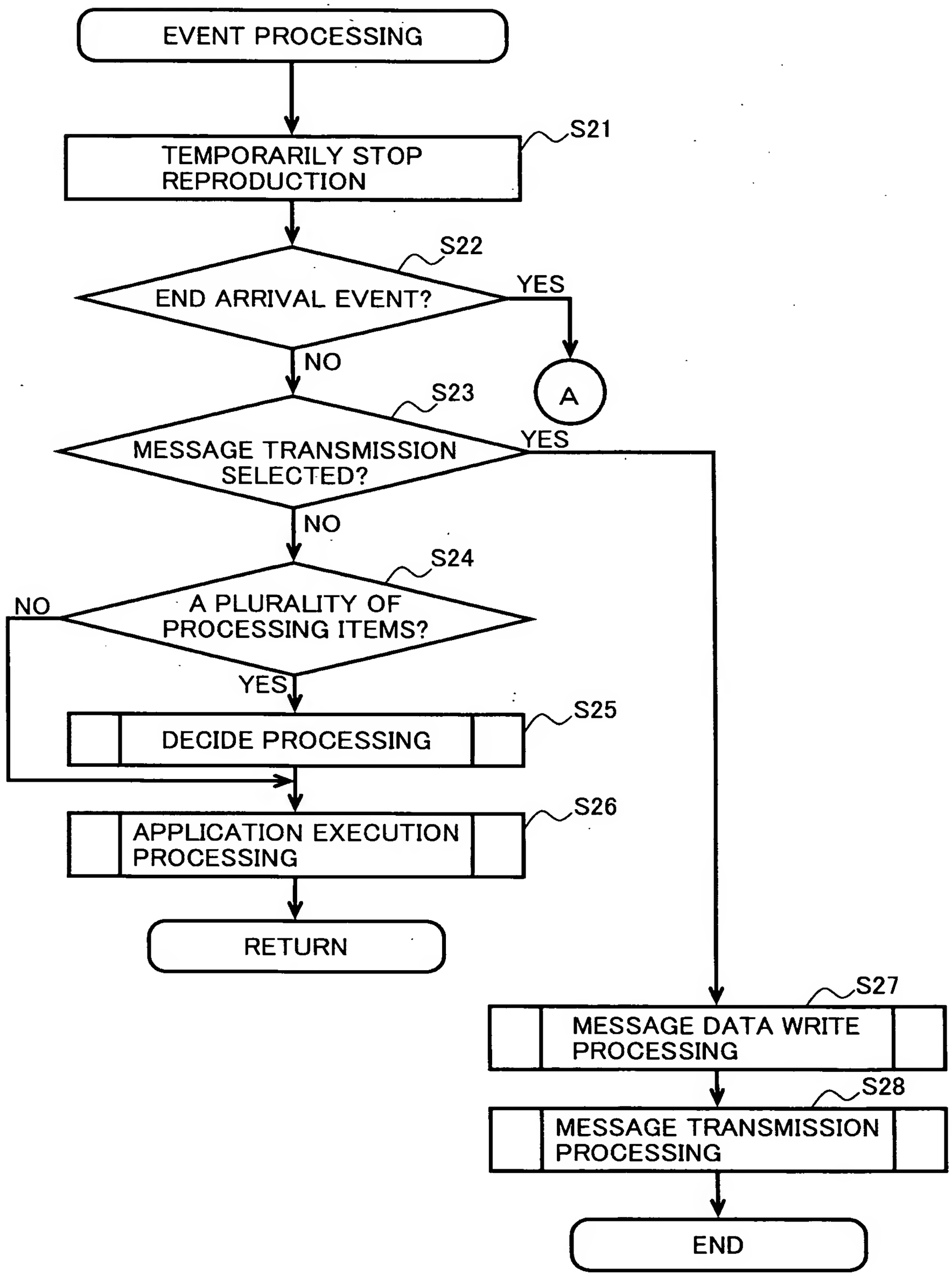

EVENT PROCESSING
TEMPORARILY STOP REPRODUCTION
S21
S22
END ARRIVAL EVENT?
YES
NO
A
S23
MESSAGE TRANSMISSION SELECTED?
YES
NO
S24
A PLURALITY OF PROCESSING ITEMS?
NO
YES
DECIDE PROCESSING
S25
APPLICATION EXECUTION PROCESSING
S26
RETURN
S27
MESSAGE DATA WRITE PROCESSING
S28
MESSAGE TRANSMISSION PROCESSING
END

FIG.14

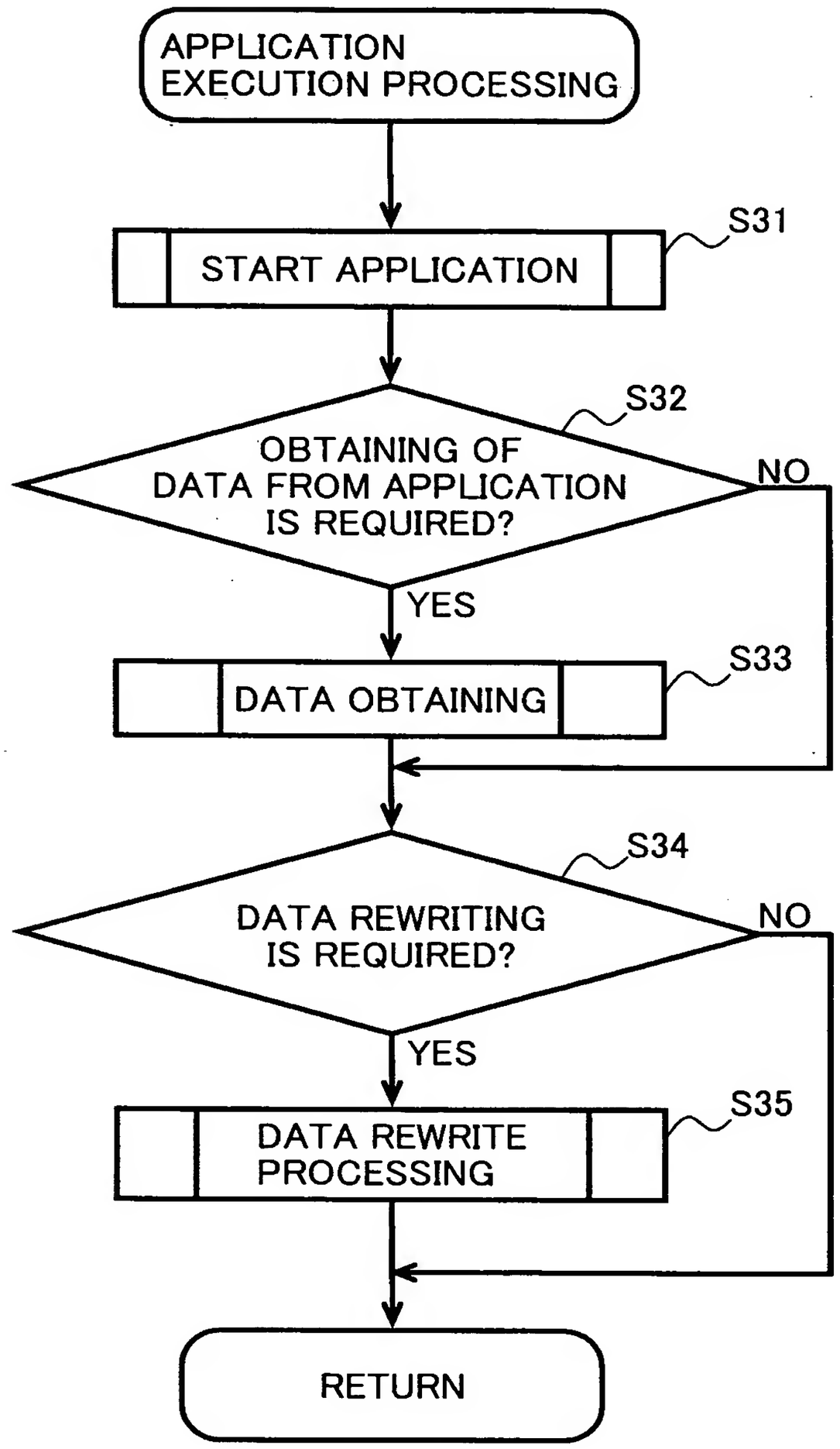

APPLICATION EXECUTION PROCESSING
START APPLICATION
S31
OBTAINING OF DATA FROM APPLICATION IS REQUIRED?
S32
NO
YES
DATA OBTAINING
S33
DATA REWRITING IS REQUIRED?
S34
NO
YES
DATA REWRITE PROCESSING
S35
RETURN

FIG.15

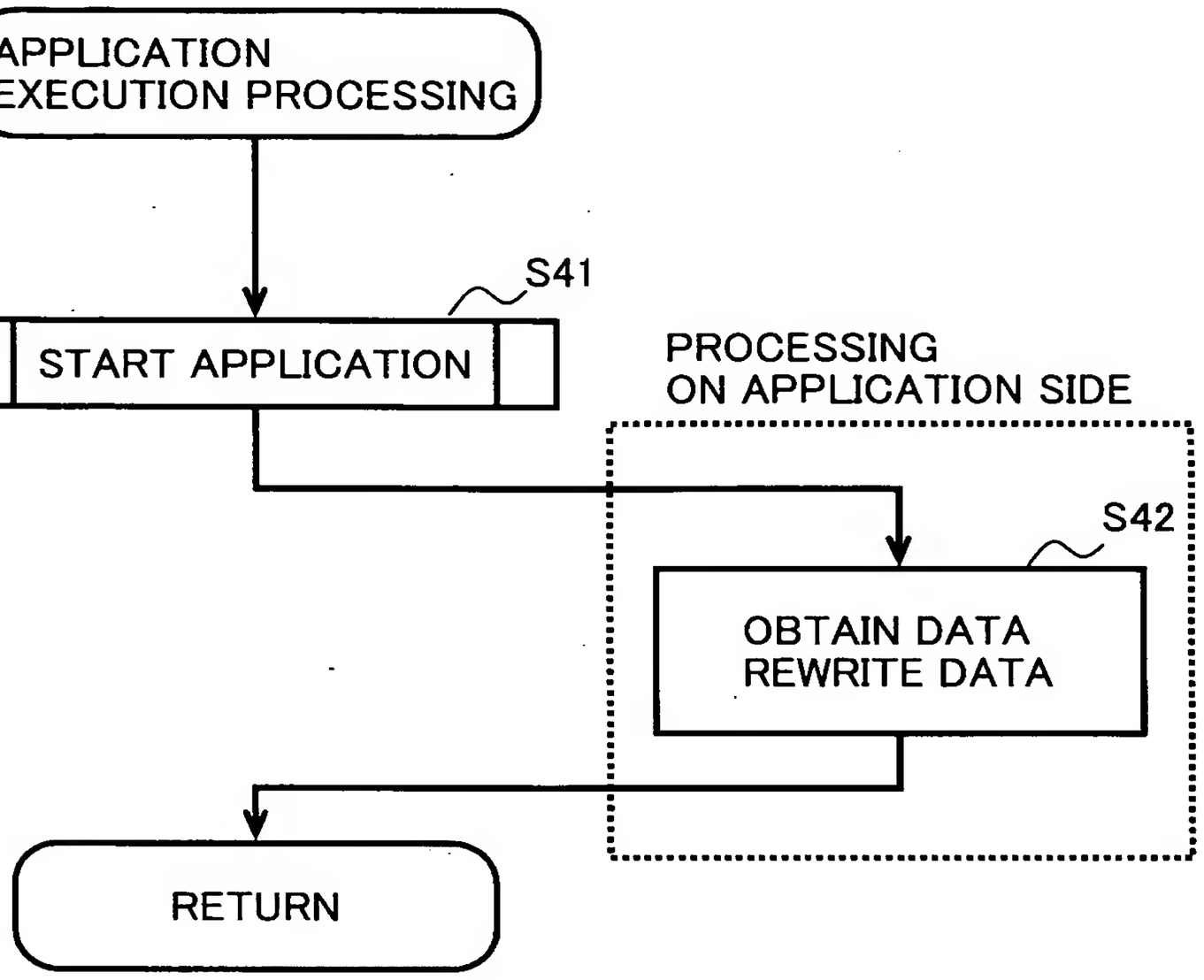

APPLICATION EXECUTION PROCESSING
S41
START APPLICATION
PROCESSING ON APPLICATION SIDE
S42
OBTAIN DATA REWRITE DATA
RETURN

FIG.16

```
1.  <smil>
2.  <head>
3.      <meta name="title" content="Happy Birthday" />
4.      <meta name="author" content="Sharp" />
5.      <meta name="role" content="template" />
6.      <meta name="replace" content="InputtedText.txt:text_edit" />
7.      <meta name="replace" content="InputtedImage.jpg:camera" />
8.      <meta name="replace" content="SecondSound.mp3:mic" />
9.      <layout>
10.         <root-layout width="240" height="300"/>
11.         <region id="Image" width="240" height="240" left="0" top="0" />
12.         <region id="Text" width="240" height="60" left="0" top ="240"/>
13.     </layout>
14. </head>
15. <body>
16.     <par dur = "8s">
17.         <video src = "FirstMovie.mpg" region="Image" />
18.         <text id="text1" src="InputtedText.txt" region="Text" />
19.         <audio src = "FirstSound.smf" />
20.         <guidance desc="ENTER MESSAGE" />
21.     </par>
22.     <par dur = "8s">
23.         <img id="pic2" src = "InputtedImage.jpg" region="Image" />
24.         <text src="SecondText.txt" region="Text" />
25.         <audio id="audio2" src = "SecondSound.mp3" />
26.         <guidance desc="TAKE PICTURE" />
27.         <guidance desc="RECORD VIA MIC" />
28.     </par>
29. </body>
30. </smil>
```

CHANGED PORTIONS

CHANGED PORTION

CHANGED PORTION

FIG.17

```
1.  <smil>
2.  <head>
3.    <meta name="title" content="Happy Birthday" />
4.    <meta name="author" content="Sharp" />
5.    <meta name="role" content="template" />
6.    <layout>
7.      <root-layout width="240" height="300"/>
8.      <region id="Image" width="240" height="240" left="0" top="0" />
9.      <region id="Text" width="240" height="60" left="0" top ="240"/>
10.   </layout>
11. </head>
12. <body>
13.   <par dur = "8s">
14.     <video src = "FirstMovie.mpg" region="Image" />
15.     <text id="text1" src="InputtedText.txt" region="Text"  />
16.     <audio src = "FirstSound.smf" />
17.     <prompt command="text_edit" targetId="text1" desc="ENTER MESSAGE" />
18.   </par>
19.   <par dur = "8s">
20.     <img id="pic2" src = "InputtedImage.jpg" region="Image" />
21.     <text src="SecondText.txt" region="Text" />
22.     <audio id="audio2" src = "SecondSound.mp3" />
23.     <prompt command="camera" targetId="pic2" desc="TAKE PICTURE" />
24.     <prompt command="mic" targetId="audio2" desc="RECORD VIA MIC" />
25.   </par>
26. </body>
27. </smil>
```

FIG.18

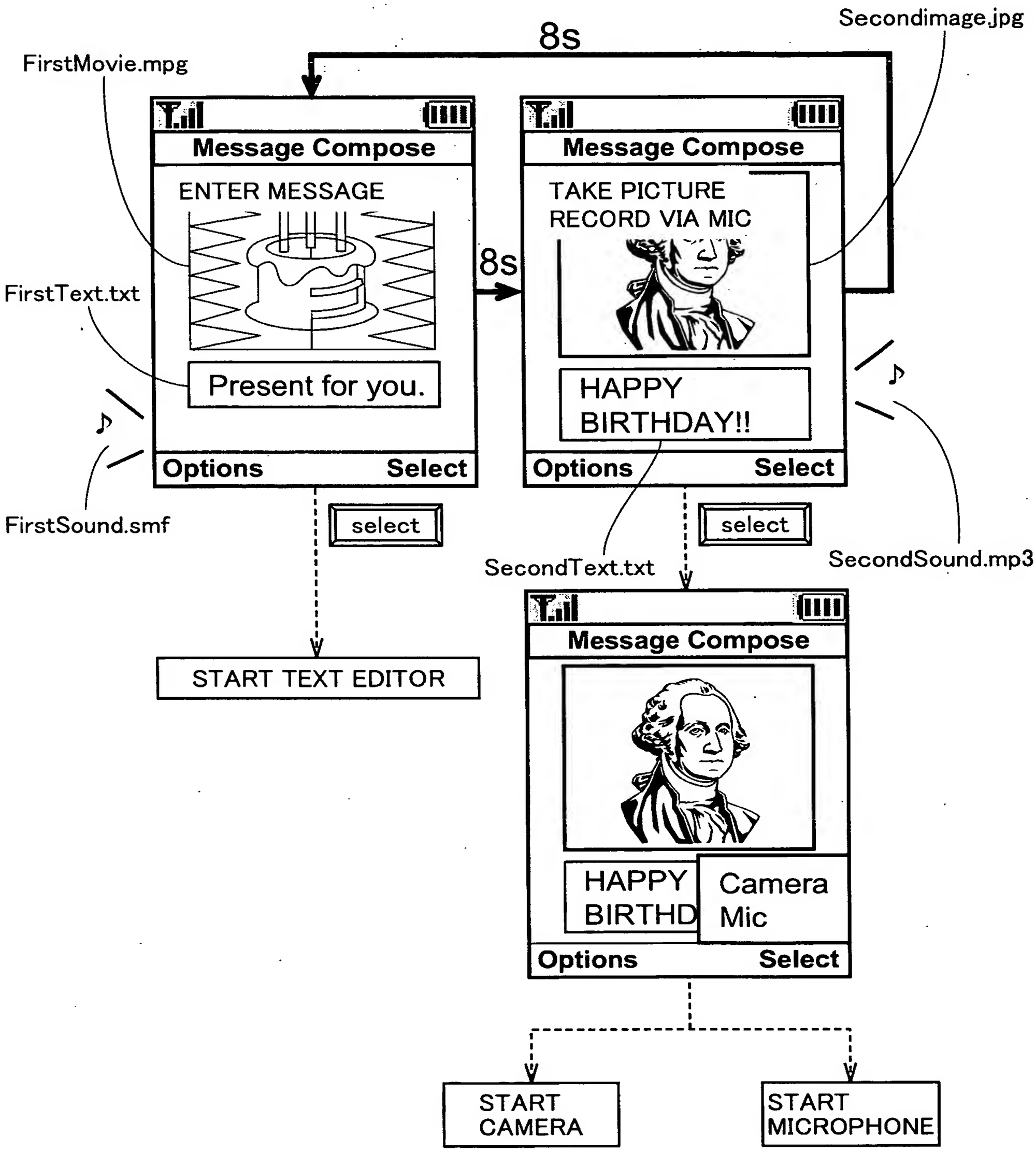
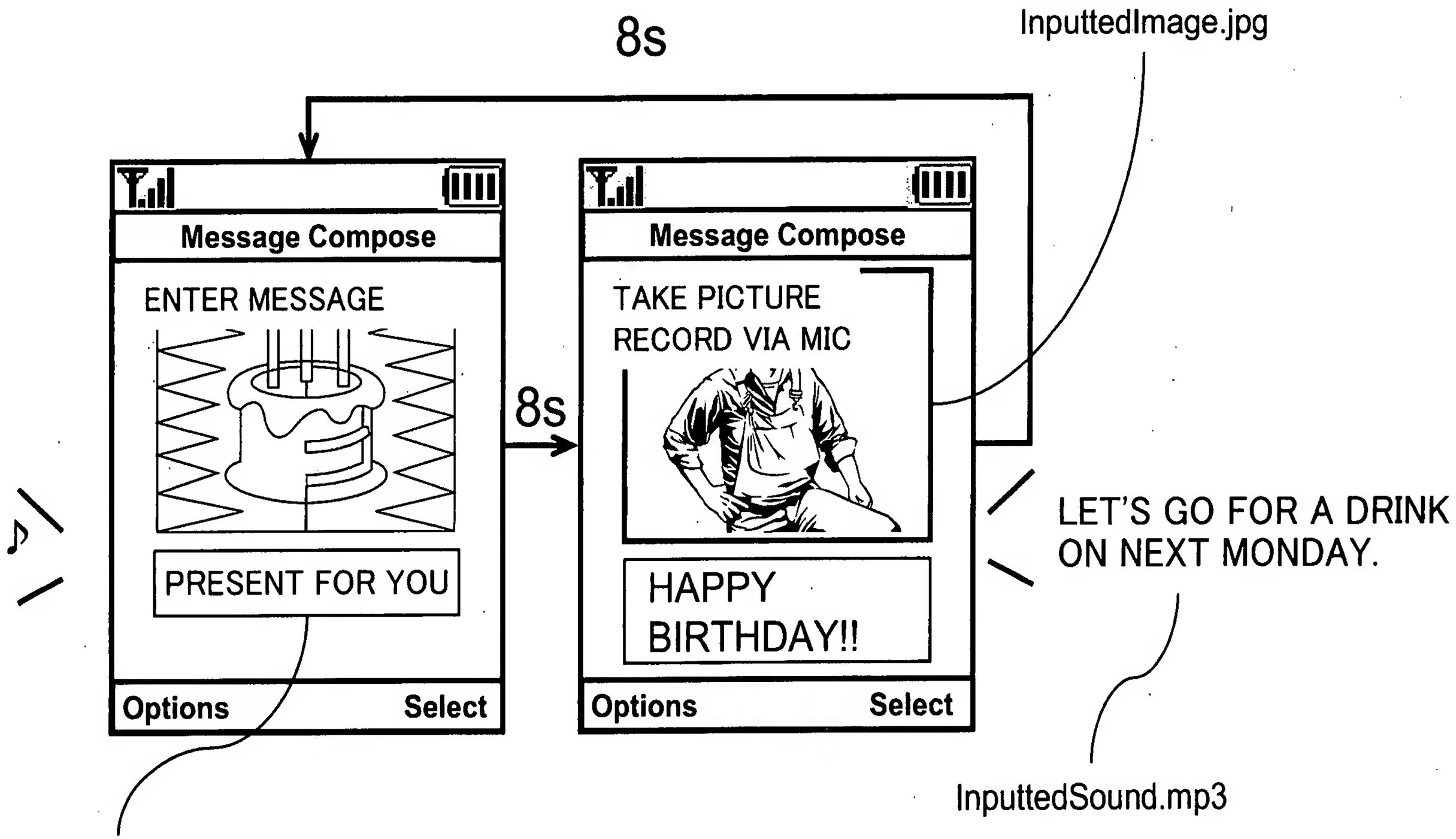

8s
Secondimage.jpg
FirstMovie.mpg
Message Compose
ENTER MESSAGE
FirstText.txt
Present for you.
Options
Select
FirstSound.smf
select
START TEXT EDITOR
8s
Message Compose
TAKE PICTURE
RECORD VIA MIC
HAPPY
BIRTHDAY!!
Options
Select
select
SecondText.txt
SecondSound.mp3
Message Compose
HAPPY
BIRTHD
Camera
Mic
Options
Select
START
CAMERA
START
MICROPHONE

FIG.19



App No.: NEW
Inventor: Masahiro CHIBA et al.
Title: DATA PROCESSING DEVICE, DATA PROCESSING METHOD AND DATA PROCESSING PROGRAM
NEW SHEET
Docket No.: 0033-1079PUS1
Sheet 15 of 40

FIG.20

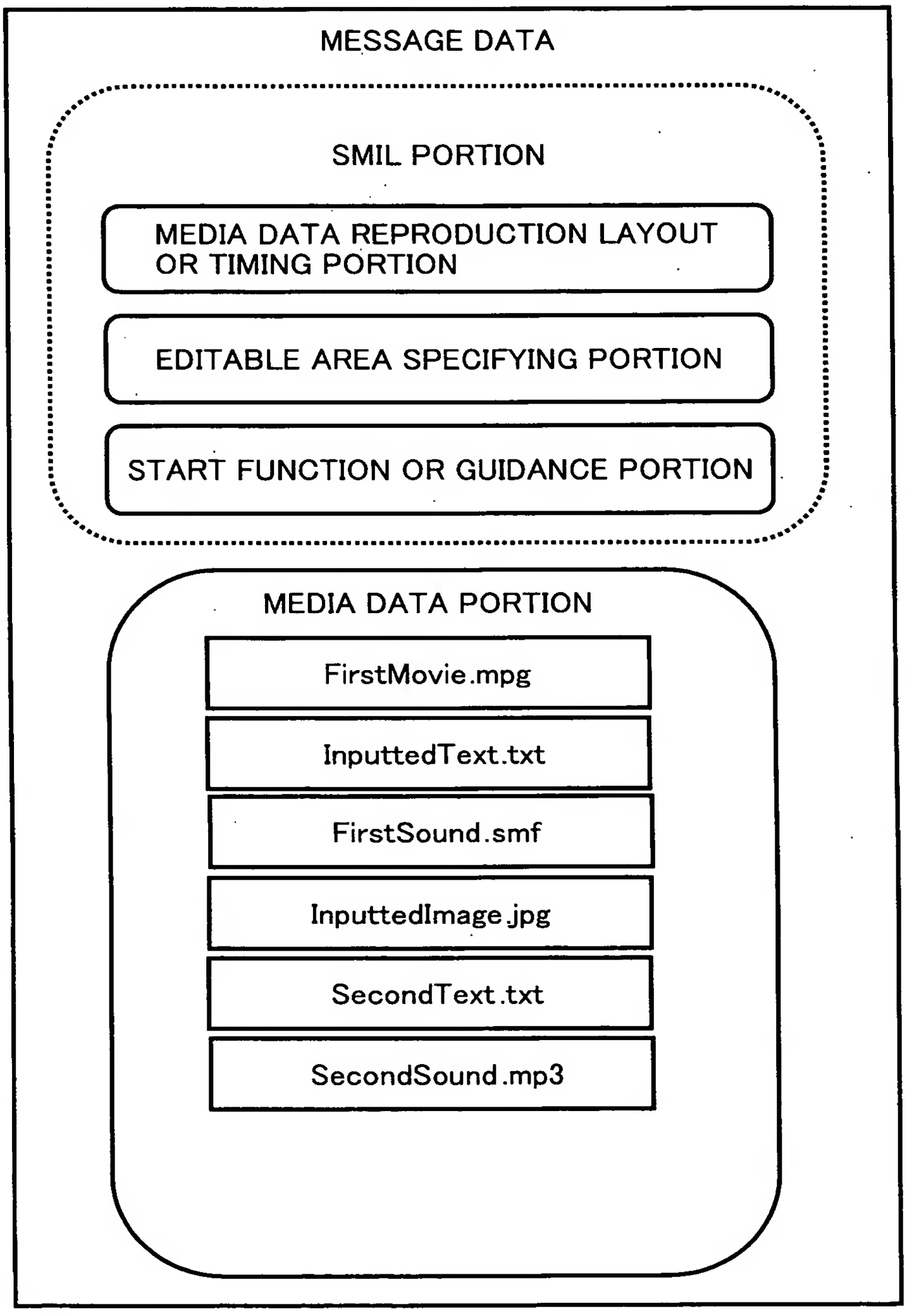

MESSAGE DATA
SMIL PORTION
MEDIA DATA REPRODUCTION LAYOUT OR TIMING PORTION
EDITABLE AREA SPECIFYING PORTION
START FUNCTION OR GUIDANCE PORTION
MEDIA DATA PORTION
FirstMovie.mpg
InputtedText.txt
FirstSound.smf
InputtedImage.jpg
SecondText.txt
SecondSound.mp3

FIG.21

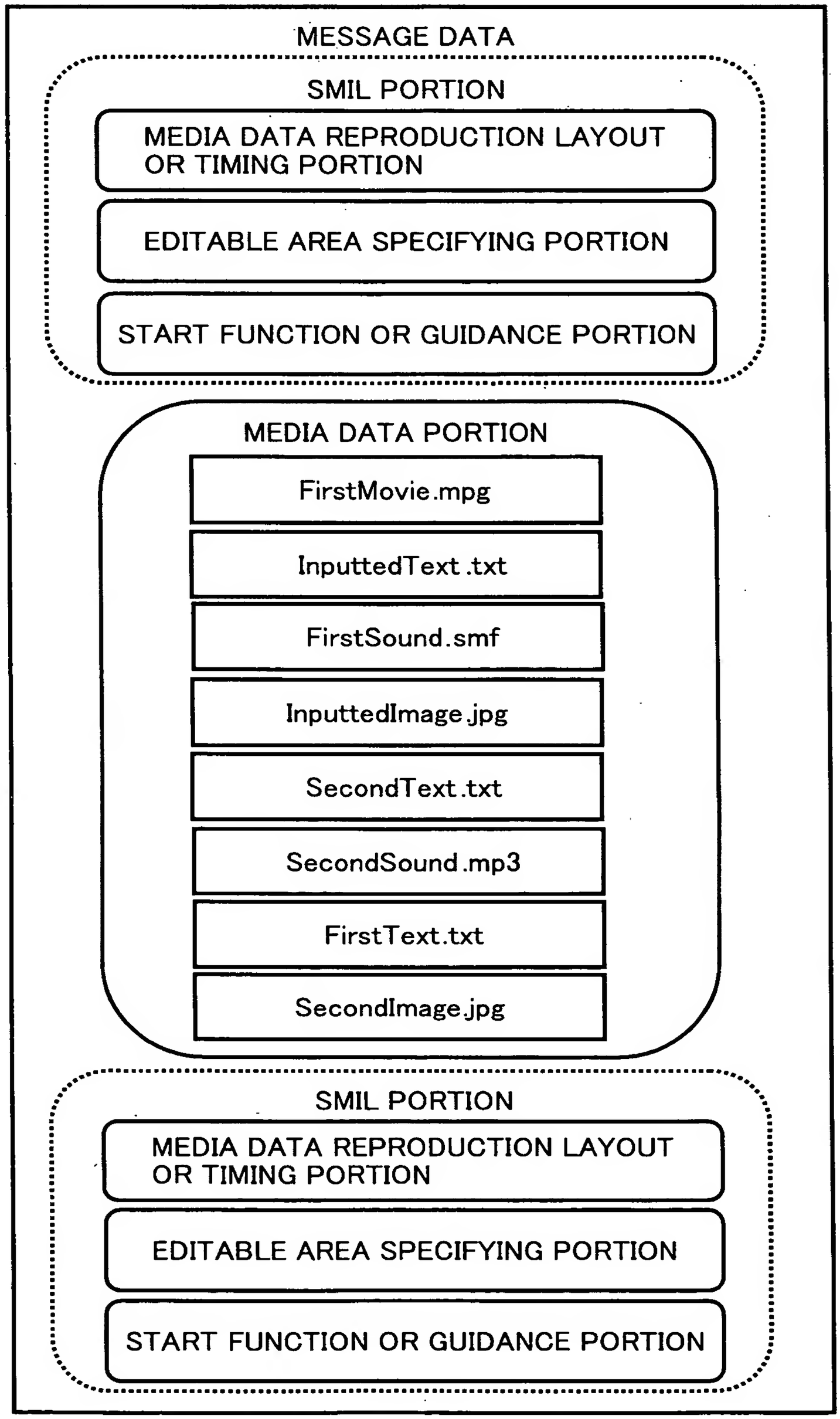

MESSAGE DATA
SMIL PORTION
MEDIA DATA REPRODUCTION LAYOUT OR TIMING PORTION
EDITABLE AREA SPECIFYING PORTION
START FUNCTION OR GUIDANCE PORTION
MEDIA DATA PORTION
FirstMovie.mpg
InputtedText.txt
FirstSound.smf
InputtedImage.jpg
SecondText.txt
SecondSound.mp3
FirstText.txt
SecondImage.jpg
SMIL PORTION
MEDIA DATA REPRODUCTION LAYOUT OR TIMING PORTION
EDITABLE AREA SPECIFYING PORTION
START FUNCTION OR GUIDANCE PORTION

FIG.22

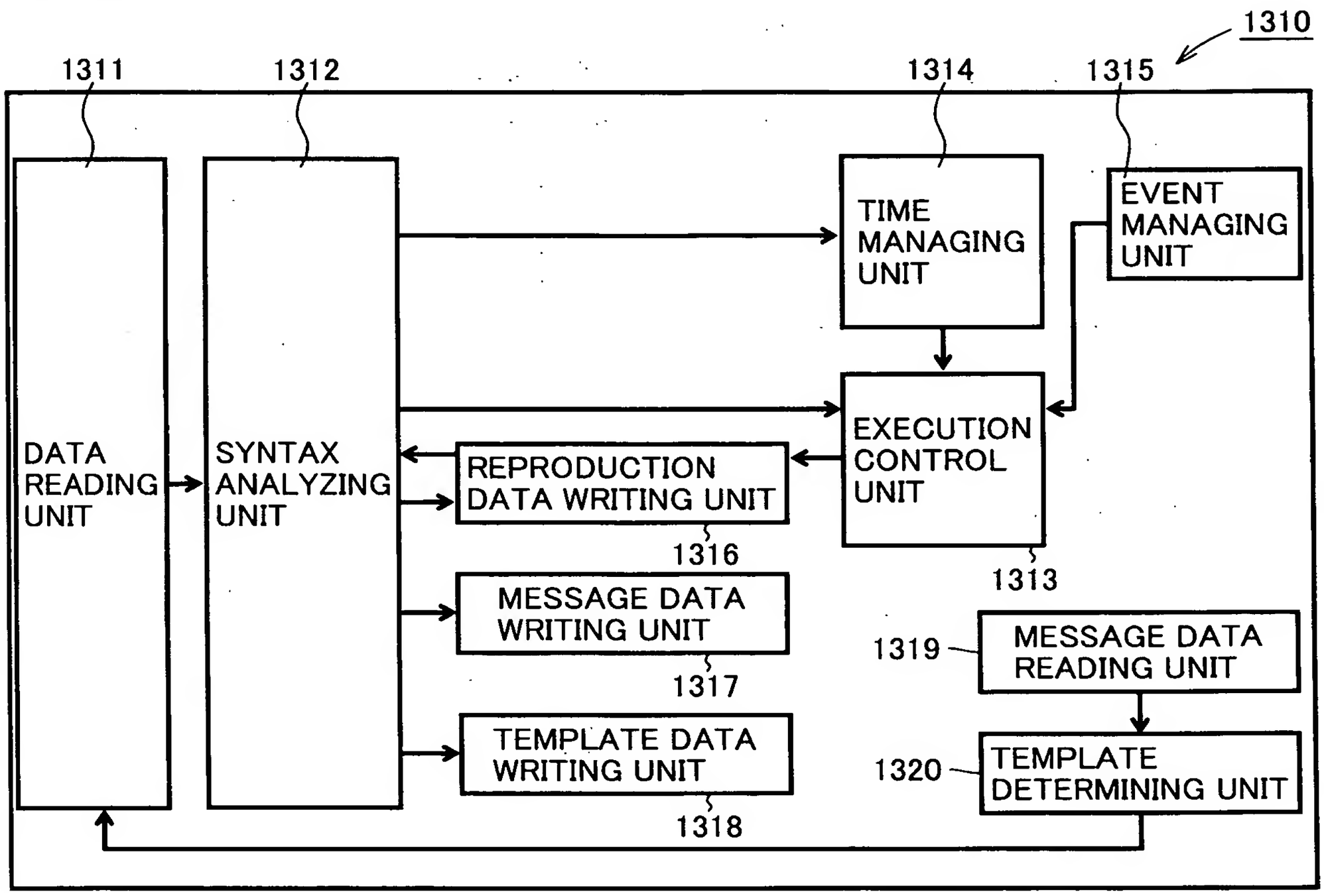

1310
1311
1312
1314
1315
DATA READING UNIT
SYNTAX ANALYZING UNIT
TIME MANAGING UNIT
EVENT MANAGING UNIT
EXECUTION CONTROL UNIT
1313
REPRODUCTION DATA WRITING UNIT
1316
MESSAGE DATA WRITING UNIT
1317
TEMPLATE DATA WRITING UNIT
1318
1319
MESSAGE DATA READING UNIT
1320
TEMPLATE DETERMINING UNIT

FIG.23

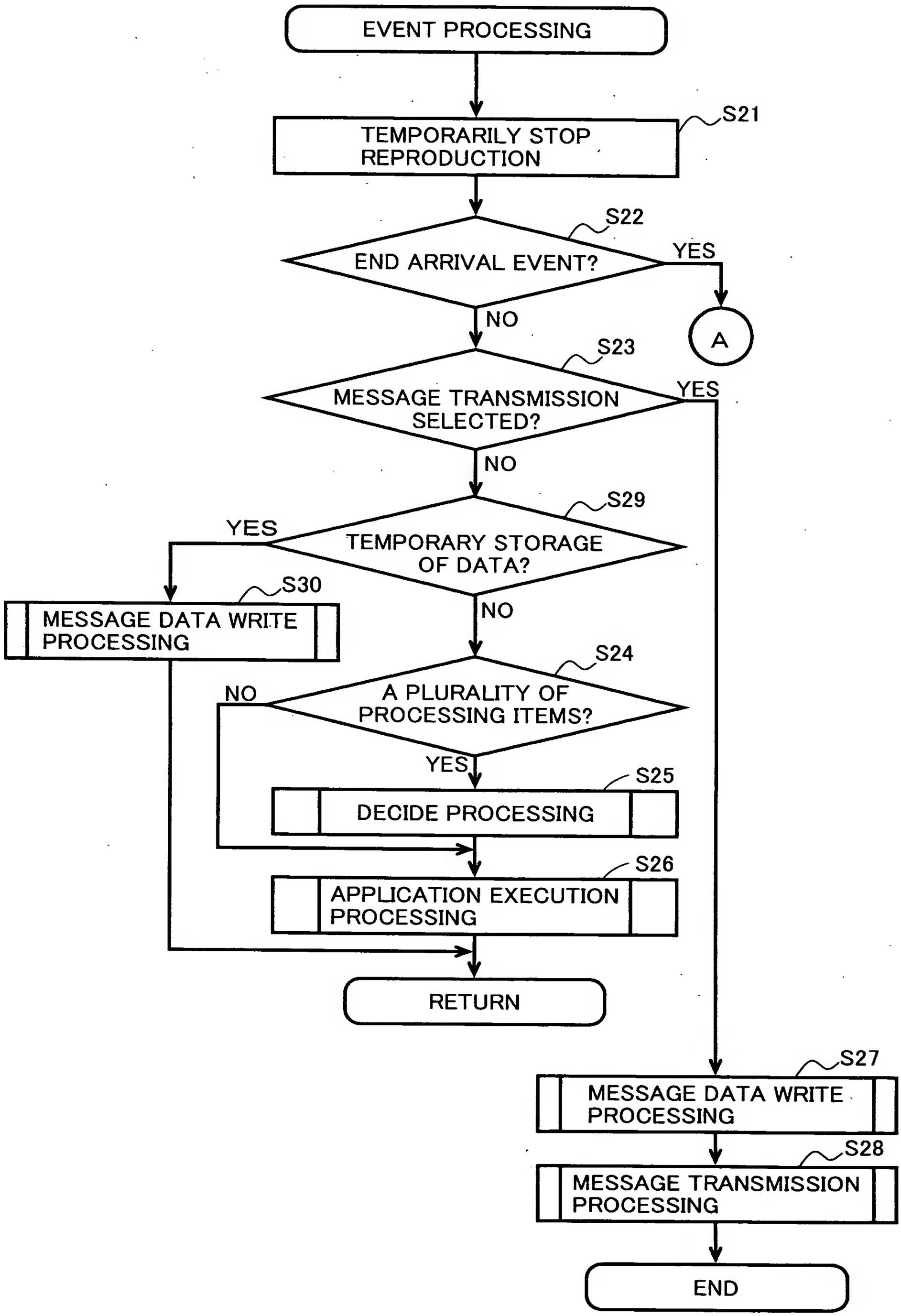

EVENT PROCESSING
TEMPORARILY STOP REPRODUCTION
S21
END ARRIVAL EVENT?
S22
YES
NO
A
MESSAGE TRANSMISSION SELECTED?
S23
YES
NO
TEMPORARY STORAGE OF DATA?
S29
YES
NO
MESSAGE DATA WRITE PROCESSING
S30
A PLURALITY OF PROCESSING ITEMS?
S24
NO
YES
DECIDE PROCESSING
S25
APPLICATION EXECUTION PROCESSING
S26
RETURN
MESSAGE DATA WRITE PROCESSING
S27
MESSAGE TRANSMISSION PROCESSING
S28
END

FIG.24

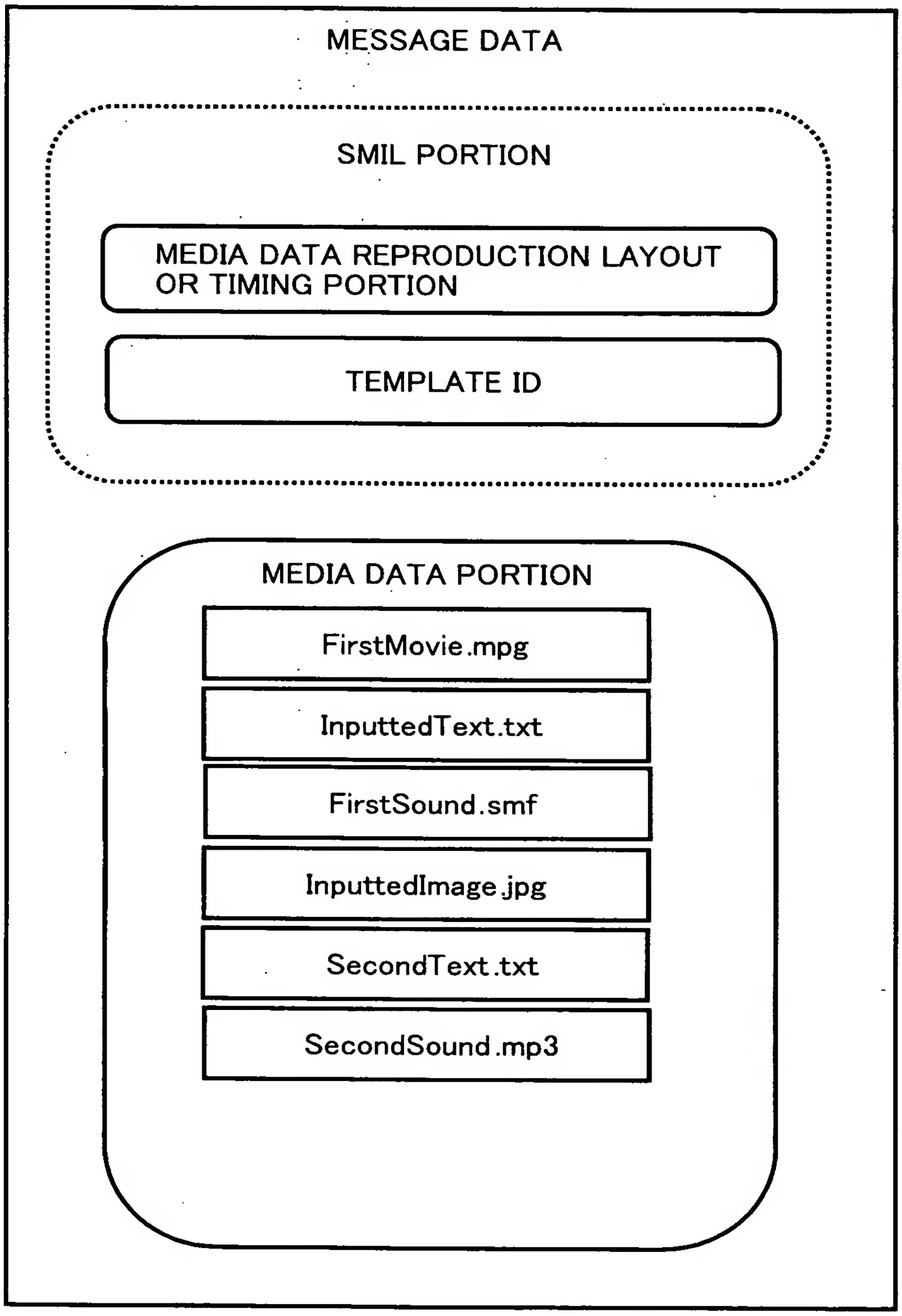

MESSAGE DATA
SMIL PORTION
MEDIA DATA REPRODUCTION LAYOUT OR TIMING PORTION
TEMPLATE ID
MEDIA DATA PORTION
FirstMovie.mpg
InputtedText.txt
FirstSound.smf
InputtedImage.jpg
SecondText.txt
SecondSound.mp3

FIG.25

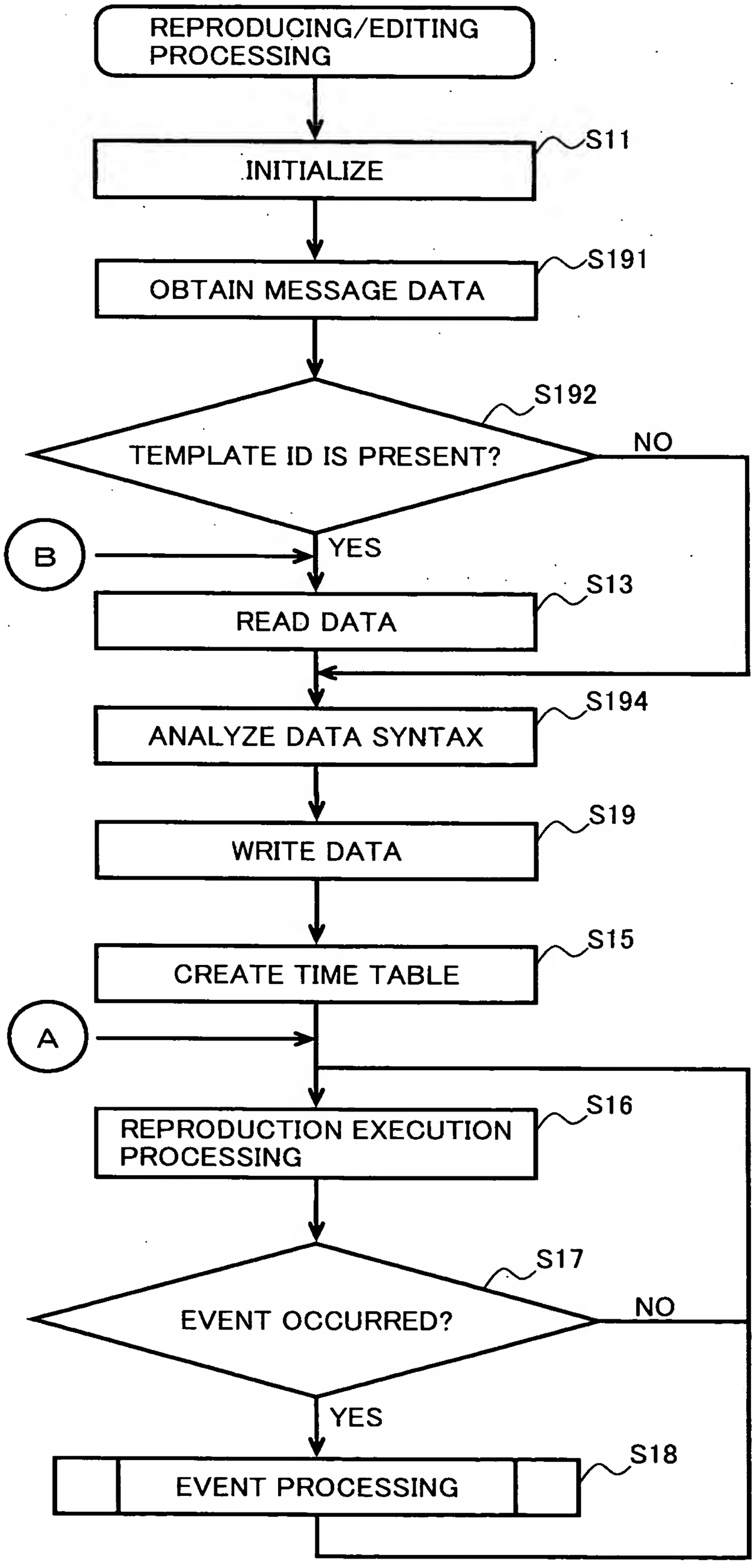

REPRODUCING/EDITING PROCESSING
INITIALIZE
S11
OBTAIN MESSAGE DATA
S191
TEMPLATE ID IS PRESENT?
S192
NO
YES
B
READ DATA
S13
ANALYZE DATA SYNTAX
S194
WRITE DATA
S19
CREATE TIME TABLE
S15
A
REPRODUCTION EXECUTION PROCESSING
S16
EVENT OCCURRED?
S17
NO
YES
EVENT PROCESSING
S18

FIG.26

```
1.  <smil>
2.  <head>
3.    <meta name="title" content="Happy Birthday" />
4.    <meta name="author" content="Sharp" />
5.    <meta name="role" content="template" />
6.    <layout>
7.      <root-layout width="240" height="300"/>
8.      <region id="Image" width="240" height="240" left="0" top="0" />
9.      <region id="Text" width="240" height="60" left="0" top ="240"/>
10.   </layout>
11. </head>
12. <body>
13.   <par dur = "8s">
14.     <video src = "FirstMovie.mpg" region="Image" />
15.     <text id="text1" src="InputtedText.txt" region="Text" />
16.     <audio src = "FirstSound.smf" />
17.     <prompt command="text_edit" targetId="text1" desc="ENTER MESSAGE" />
18.   </par>
19.   <par dur = "8s">
20.     <img id="pic2" src = "InputtedImage.jpg" region="Image" />
21.     <text src="SecondText.txt" region="Text" />
22.     <audio id="audio2" src = "SecondSound.mp3" />
23.     <prompt command="camera" targetId="pic2" desc="TAKE PICTURE" />
24.     <prompt command="mic" targetId="audio2" desc="RECORD VIA MIC" />
25.   </par>
26. </body>
27. </smil>
```

FIG.27

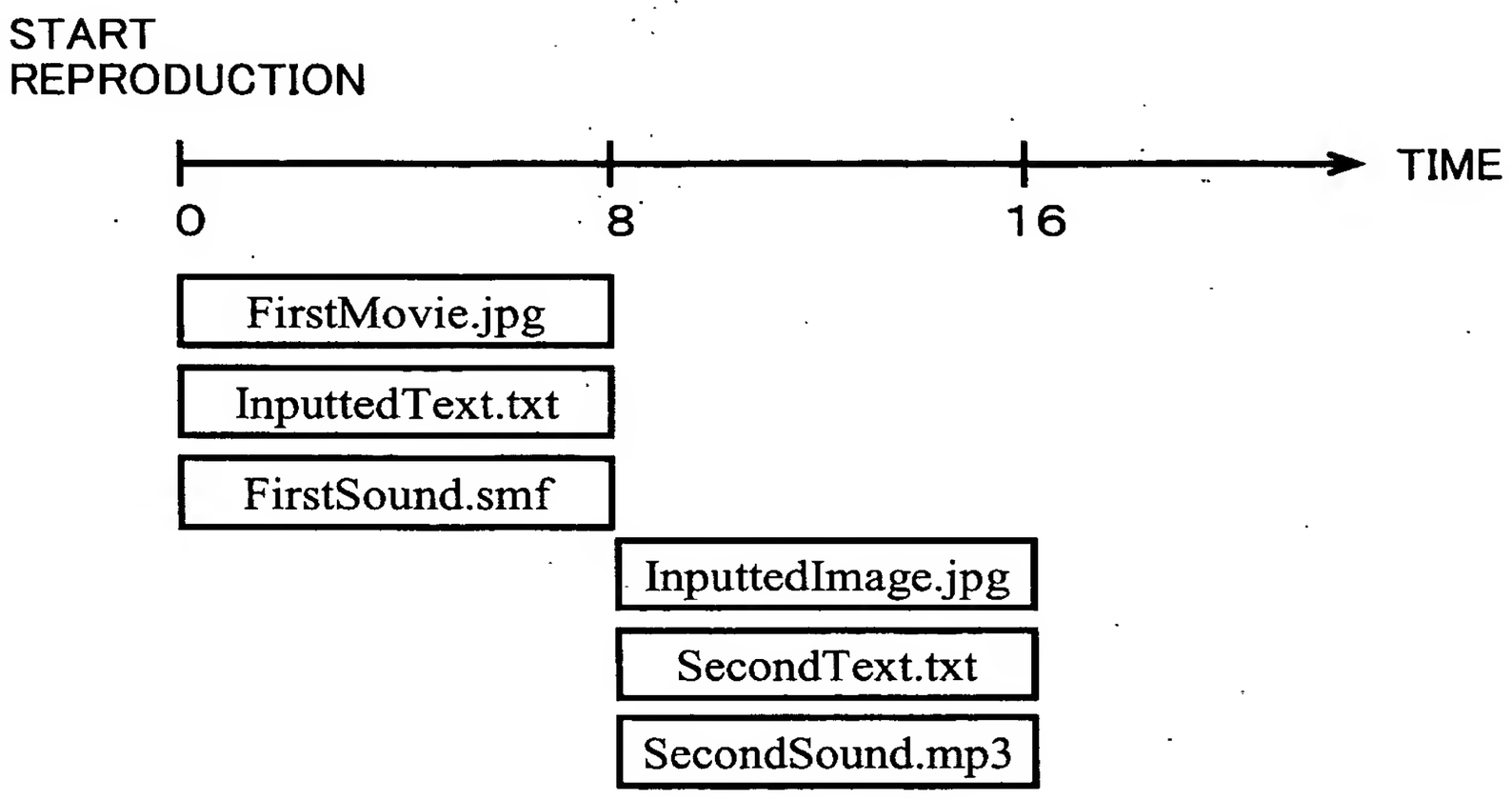

START
REPRODUCTION
TIME
0
8
16
FirstMovie.jpg
InputtedText.txt
FirstSound.smf
InputtedImage.jpg
SecondText.txt
SecondSound.mp3

FIG.28

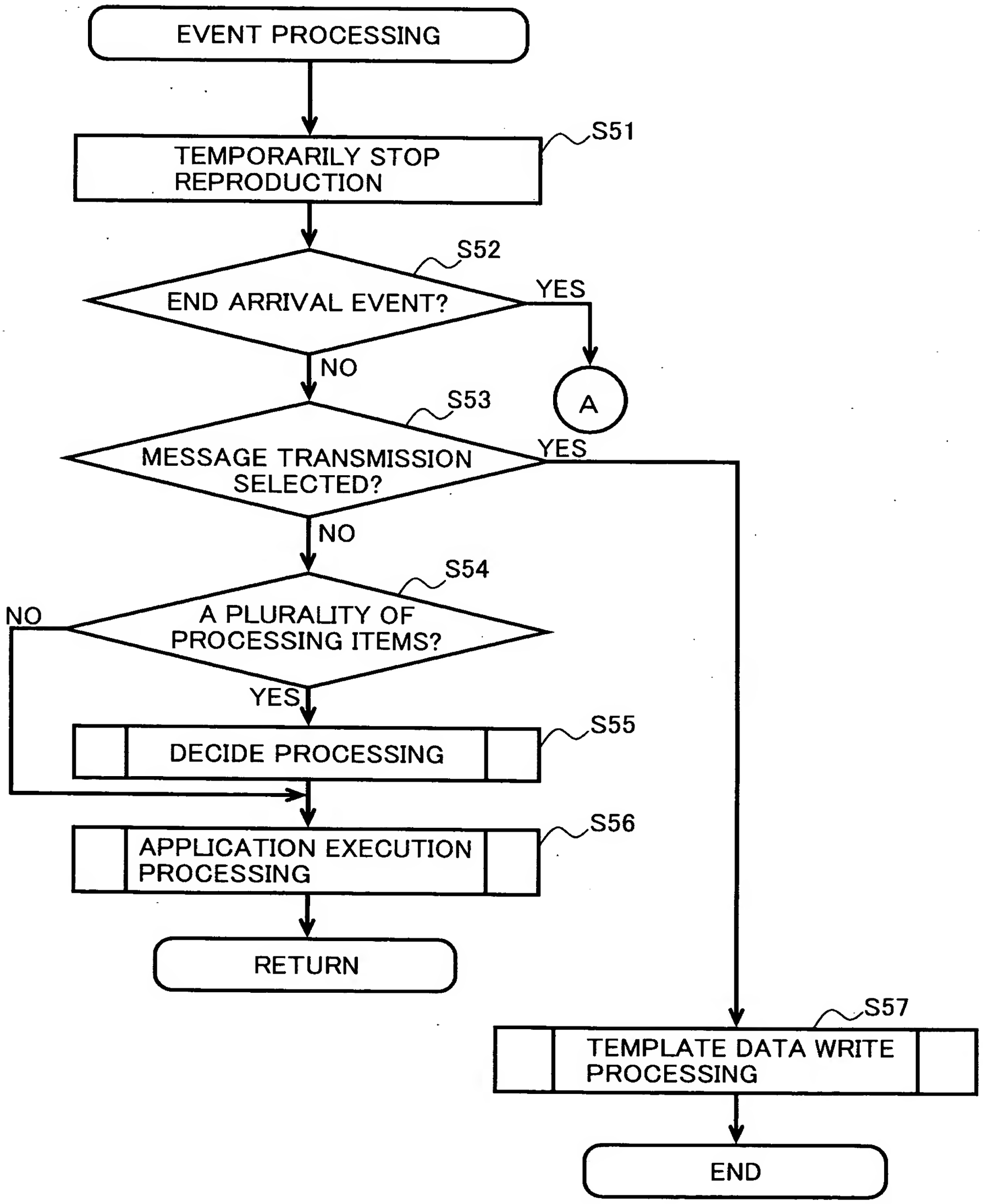
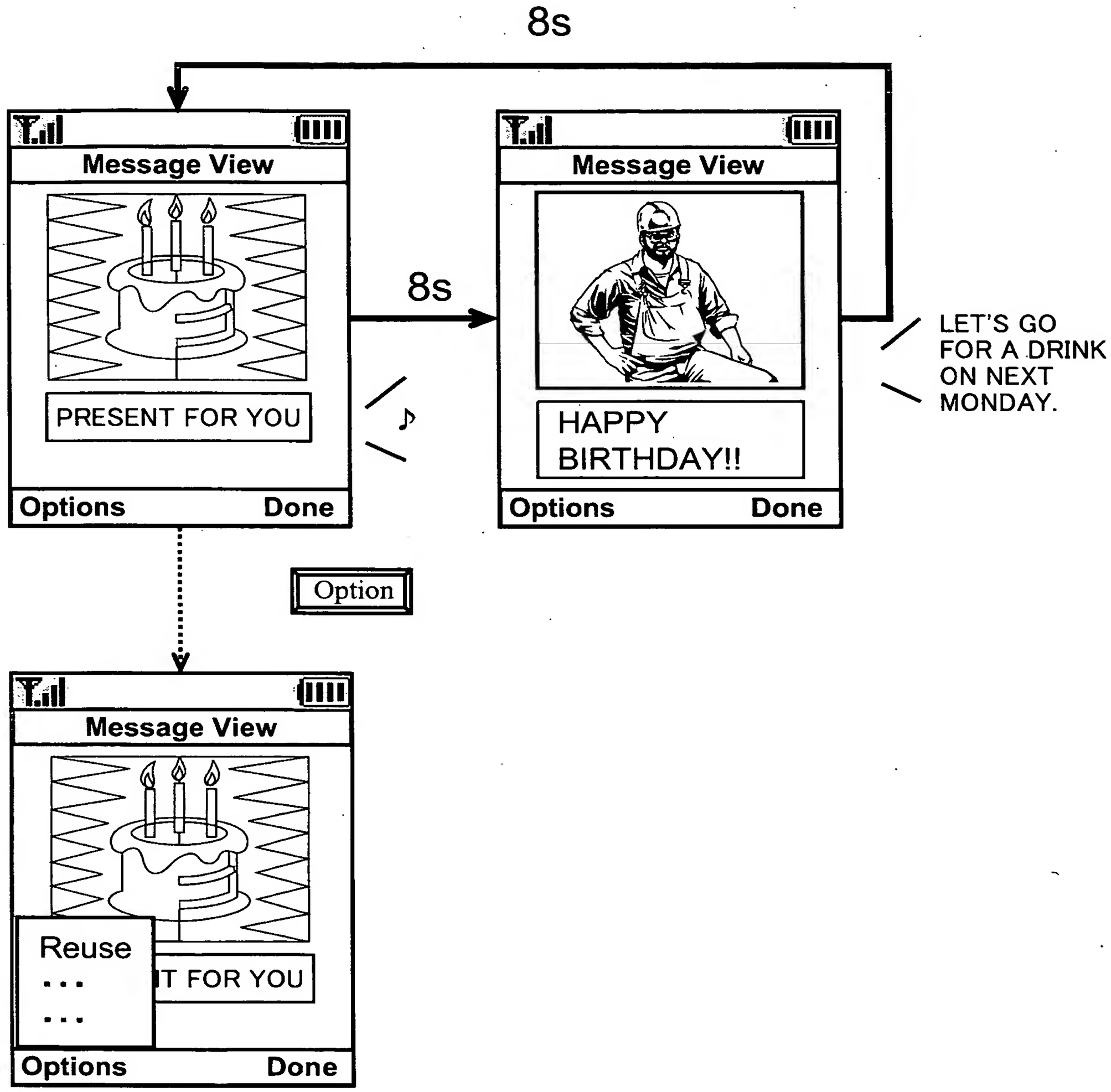

EVENT PROCESSING
TEMPORARILY STOP REPRODUCTION
S51
END ARRIVAL EVENT?
S52
YES
NO
A
MESSAGE TRANSMISSION SELECTED?
S53
YES
NO
A PLURALITY OF PROCESSING ITEMS?
S54
NO
YES
DECIDE PROCESSING
S55
APPLICATION EXECUTION PROCESSING
S56
RETURN
TEMPLATE DATA WRITE PROCESSING
S57
END

FIG.29


8s
Message View
PRESENT FOR YOU
Options
Done
8s
♪
Message View
HAPPY BIRTHDAY!!
Options
Done
LET'S GO FOR A DRINK ON NEXT MONDAY.
Option
Message View
Reuse
...
...
T FOR YOU
Options
Done

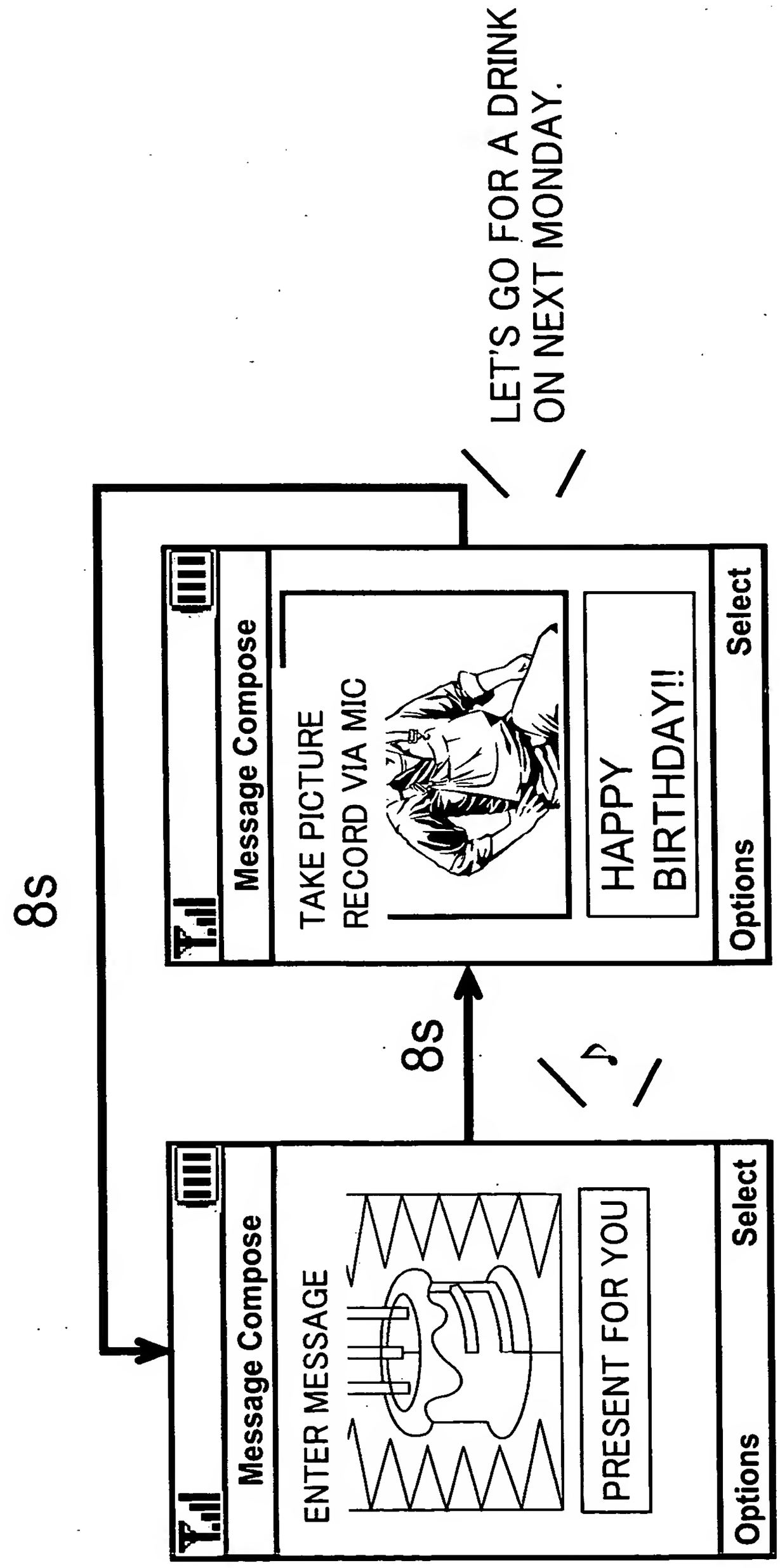

8s
Message Compose
TAKE PICTURE
RECORD VIA MIC
HAPPY
BIRTHDAY!!
Options
Select
8s
Message Compose
ENTER MESSAGE
PRESENT FOR YOU
Options
Select
LET'S GO FOR A DRINK
ON NEXT MONDAY.

FIG.30

FIG.31

```
1.  <smil>
2.  <head>
3.    <meta name="title" content="Happy Birthday" />
4.    <meta name="author" content="Sharp" />
5.    <meta name="role" content="template" />
6.    <layout>
7.      <root-layout width="240" height="300"/>
8.      <region id="Image" width="240" height="240" left="0" top="0" />
9.      <region id="Text" width="240" height="60" left="0" top ="240"/>
10.   </layout>
11. </head>
12. <body>
13.   <par dur = "8s">
14.     <video src = "FirstMovie.mpg" region="Image" />
15.     <text id="text1" src="FirstText.txt" region="Text"  />
16.     <audio src = "FirstSound.smf" />
17.     <switch mode="composition">
18.       <prompt command="text_edit" targetId="text1" desc="ENTER MESSAGE" />
19.     </switch>
20.   </par>
21.   <par dur = "8s">
22.     <img id="pic2" src = "SecondImage.jpg" region="Image" />
23.     <text src="SecondText.txt" region="Text" />
24.     <audio id="audio2" src = "SecondSound.mp3" />
25.     <switch mode="composition">
26.       <prompt command="camera" targetId="pic2" desc="TAKE PICTURE" />
27.       <prompt command="mic" targetId="audio2" desc="RECORD VIA MIC" />
28.     </switch>
29.   </par>
30. </body>
31. </smil>
```

RANGES TO BE INTERPRETED

FIG.32

```
1.  <smil>
2.  <head>
3.    <meta name="title" content="Happy Birthday" />
4.    <meta name="author" content="Sharp" />
5.    <meta name="role" content="template" />
6.    <layout>
7.      <root-layout width="240" height="300"/>
8.      <region id="Image" width="240" height="240" left="0" top="0" />
9.      <region id="Text" width="240" height="60" left="0" top ="240"/>
10.   </layout>
11. </head>
12. <body>
13.   <par dur = "8s">
14.     <video id="video1" src = "FirstMovie.mpg" region="Image" />
15.     <text id="text1" src="FirstText.txt" region="Text"  />
16.     <audio src = "FirstSound.smf" />
17.     <switch mode="composition">
18.      <prompt command="text_edit" targetId="text1" desc="ENTER MESSAGE" />
19.     </switch>
20.     <switch mode="view">
21.      <prompt command="http://hoge.com" targetID="video1" desc="Access to hoge.com !!" />
22.     </switch>
23.   </par>
24.   <par dur = "8s">
25.     <img id="pic2" src = "SecondImage.jpg" region="Image" />
26.     <text src="SecondText.txt" region="Text" />
27.     <audio id="audio2" src = "SecondSound.mp3" />
28.     <switch mode="composition">
29.       <prompt command="camera" targetId="pic2" desc="TAKE PICTURE" />
30.       <prompt command="mic" targetId="audio2" desc="RECORD VIA MIC" />
31.     </switch>
32.   </par>
33. </body>
34. </smil>
```

ACCESS INFORMATION

FIG.33

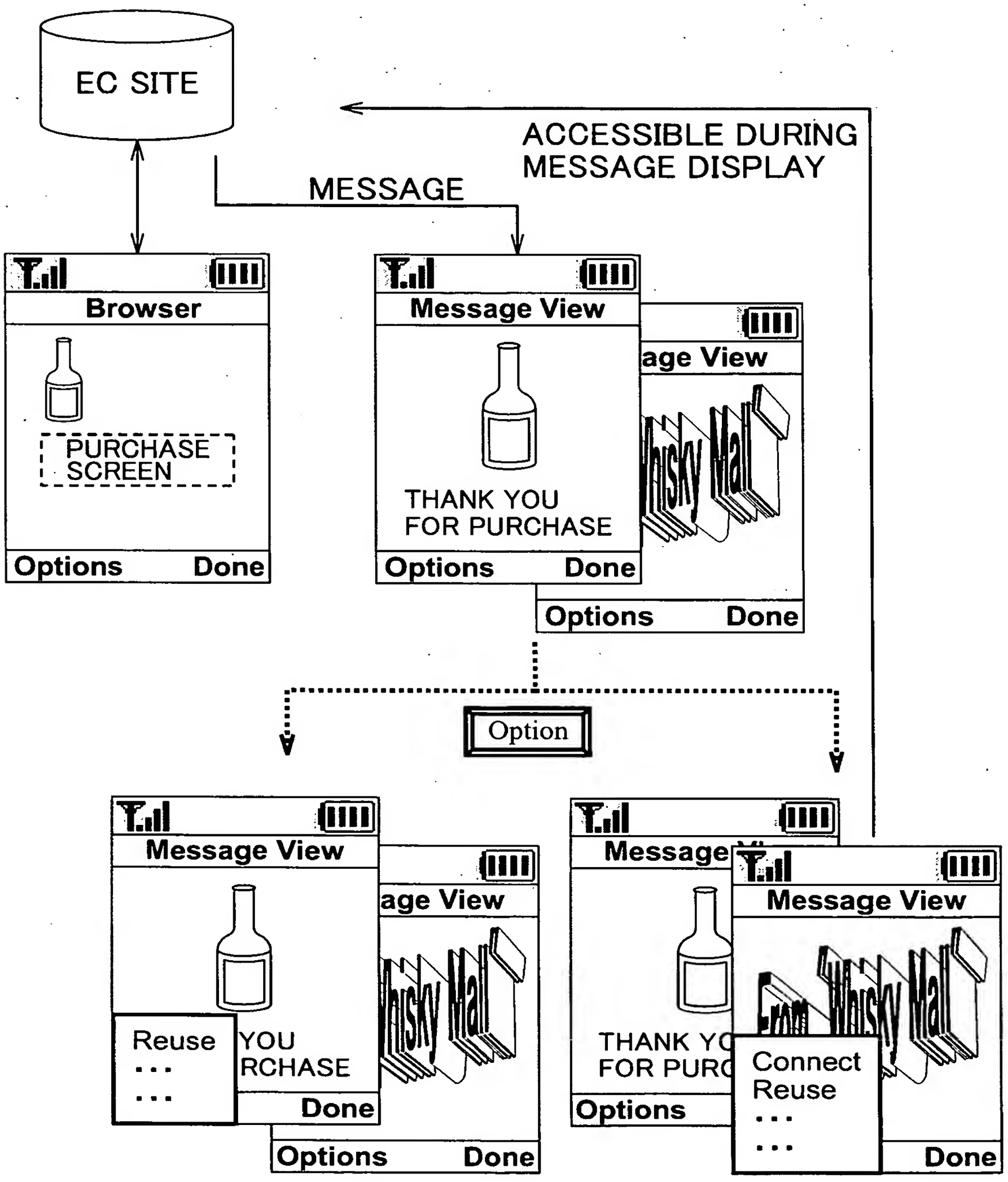

EC SITE
ACCESSIBLE DURING MESSAGE DISPLAY
MESSAGE
Browser
PURCHASE SCREEN
Options
Done
Message View
THANK YOU FOR PURCHASE
Options
Done
age View
Options
Done
Option
Message View
Reuse
Done
Options
Done
Message
Message View
Connect
Reuse
Done

FIG.34

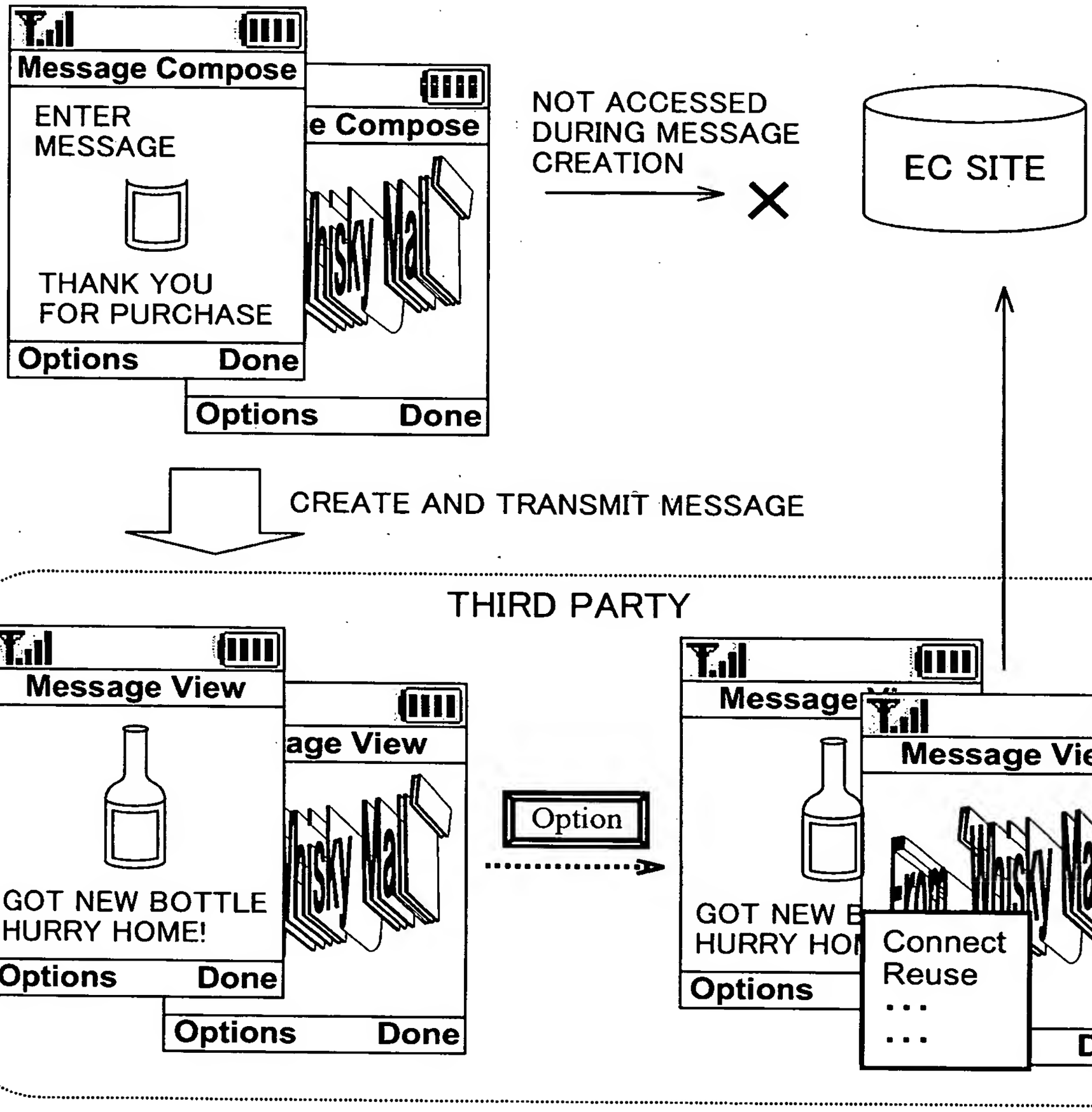

Message Compose
ENTER MESSAGE
THANK YOU FOR PURCHASE
Options
Done
NOT ACCESSED DURING MESSAGE CREATION
EC SITE
CREATE AND TRANSMIT MESSAGE
THIRD PARTY
Message View
GOT NEW BOTTLE HURRY HOME!
Option
Connect
Reuse

FIG.35

```
1.  <smil>
2.  <head>
3.    <meta name="title" content="Happy Birthday" />
4.    <meta name="author" content="Sharp" />
5.    <meta name="role" content="template" />
6.    <layout>
7.      <root-layout width="240" height="300"/>
8.      <region id="Image" width="240" height="240" left="0" top="0" />
9.      <region id="Text" width="240" height="60" left="0" top ="240"/>
10.   </layout>
11. </head>
12. <body>
13.   <par dur = "8s">
14.     <video src = "FirstMovie.mpg" region="Image" />
15.     <text id="text1" src="FirstText.txt" region="Text"  />
16.     <audio src = "FirstSound.smf" />
17.     <switch mode="composition">
18.       <prompt command="text_edit" targetId="text1" desc="ENTER MESSAGE" />
19.     </switch>
20. </par>
21.   <par dur = "8s">
22.     <img id="pic2" src = "SecondImage.jpg" region="Image" />
23.     <text src="SecondText.txt" region="Text" />
24.     <audio id="audio2" src = "SecondSound.mp3" />
25.     <switch mode="view">
26.       <prompt commandsrc="url.txt" targetId="url" desc="Please Access " />
27.     </switch>
28.     <switch mode="composition">
29.       <prompt command="camera" targetId="pic2" desc="TAKE PICTURE" />
30.       <prompt command="mic" targetId="audio2" desc="RECORD VIA MIC" />
31.       <prompt command="text_edit" targetId="url" desc=" Input URL " />
32.     </switch>
33. </par>
34. </body>
35. </smil>
```

FIG.36

```
1.  <smil>
2.  <switch mode="composition">
3.  <head>
4.    <meta name="title" content="Happy Birthday" />
5.    <meta name="author" content="Sharp" />
6.    <meta name="role" content="template" />
7.    <layout>
8.      <root-layout width="240" height="300"/>
9.      <region id="Image" width="240" height="240" left="0" top="0" />
10.     <region id="Text" width="240" height="60" left="0" top ="240"/>
11.   </layout>
12. </head>
13. <body>
14.   <par dur = "8s">
15.     <video id="video1" src = "FirstMovie.mpg" region="Image" />
16.     <text id="text1" src="FirstText.txt" region="Text" />
17.     <audio src = "FirstSound.smf" />
18.     <prompt command="text_edit" targetId="text1" desc="ENTER MESSAGE" />
19.   </par>
20.   <par dur = "8s">
21.     <img id="pic2" src = "SecondImage.jpg" region="Image" />
22.     <text src="SecondText.txt" region="Text" />
23.     <audio id="audio2" src = "SecondSound.mp3" />
24.     <prompt command="camera" targetId="pic2" desc="TAKE PICTURE" />
25.     <prompt command="mic" targetId="audio2" desc="RECORD VIA MIC" />
26.   </par>
27. </body>
28. </switch>
29. <switch mode="view">
30. <head>
31.   <layout>
32.     <root-layout width="240" height="300"/>
33.     <region id="Image" width="240" height="240" left="0" top="0" />
34.     <region id="Text" width="240" height="60" left="0" top ="240"/>
35.   </layout>
36. </head>
37. <body>
38.   <par dur = "8s">
39.     <video id="video1" src = "FirstMovie.mpg" region="Image" />
40.     <text id="text1" src="FirstText.txt" region="Text" />
41.     <audio src = "FirstSound.smf" />
42.     <prompt command="http://hoge.com" targetID="video1" desc="Access to hoge.com" />
43.   </par>
44.   <par dur = "8s">
45.     <img id="pic2" src = "SecondImage.jpg" region="Image" />
46.     <text src="SecondText.txt" region="Text" />
47.     <audio id="audio2" src = "SecondSound.mp3" />
48.   </par>
49. </body>
50. </switch>
51. </smil>
```

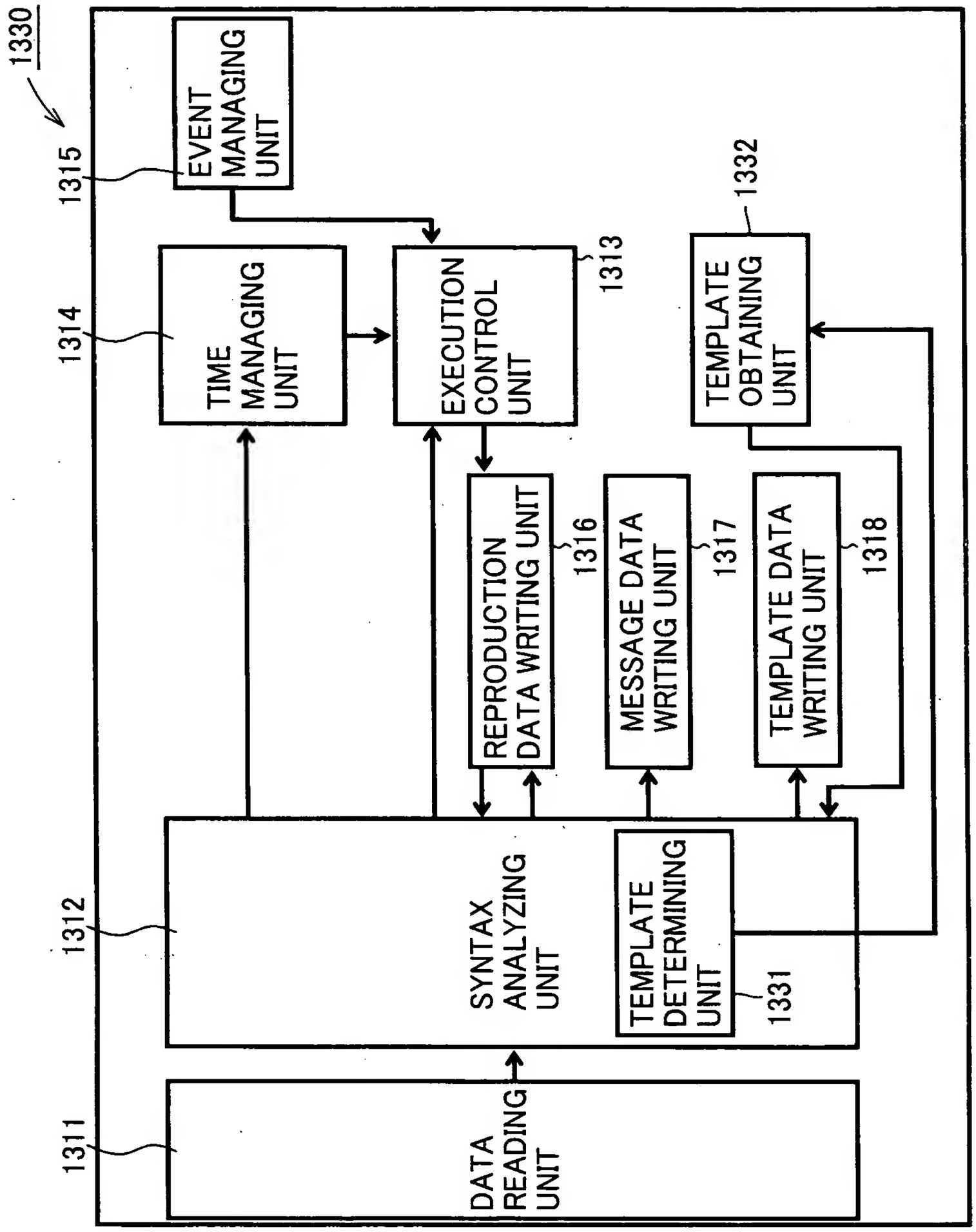

1330
EVENT MANAGING UNIT
1315
TIME MANAGING UNIT
1314
EXECUTION CONTROL UNIT
1313
TEMPLATE OBTAINING UNIT
1332
REPRODUCTION DATA WRITING UNIT
1316
MESSAGE DATA WRITING UNIT
1317
TEMPLATE DATA WRITING UNIT
1318
SYNTAX ANALYZING UNIT
1312
TEMPLATE DETERMINING UNIT
1331
DATA READING UNIT
1311

FIG.37

FIG.38

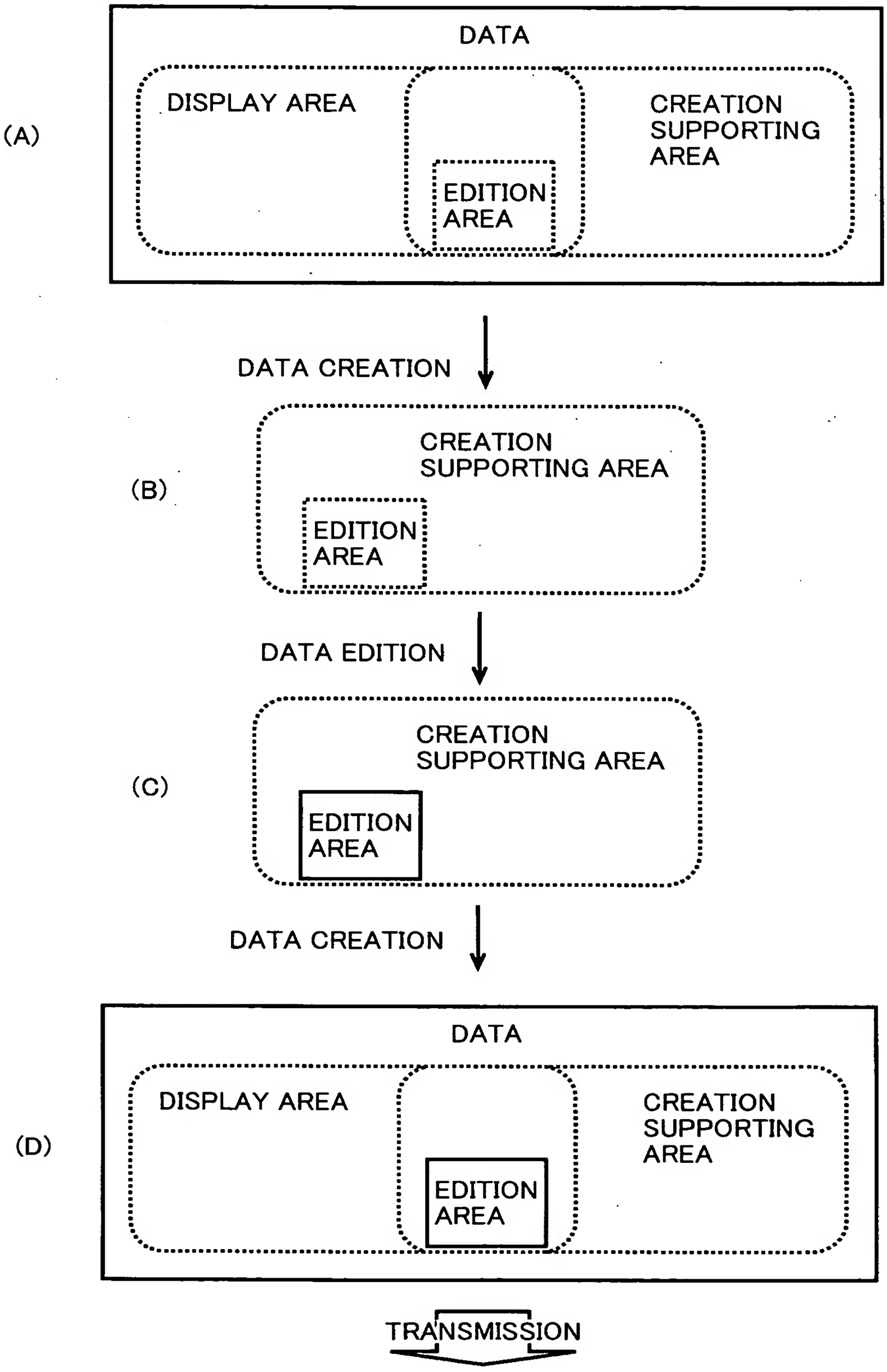

(A)
DATA
DISPLAY AREA
EDITION AREA
CREATION SUPPORTING AREA
DATA CREATION
(B)
CREATION SUPPORTING AREA
EDITION AREA
DATA EDITION
(C)
CREATION SUPPORTING AREA
EDITION AREA
DATA CREATION
(D)
DATA
DISPLAY AREA
EDITION AREA
CREATION SUPPORTING AREA
TRANSMISSION

FIG.39

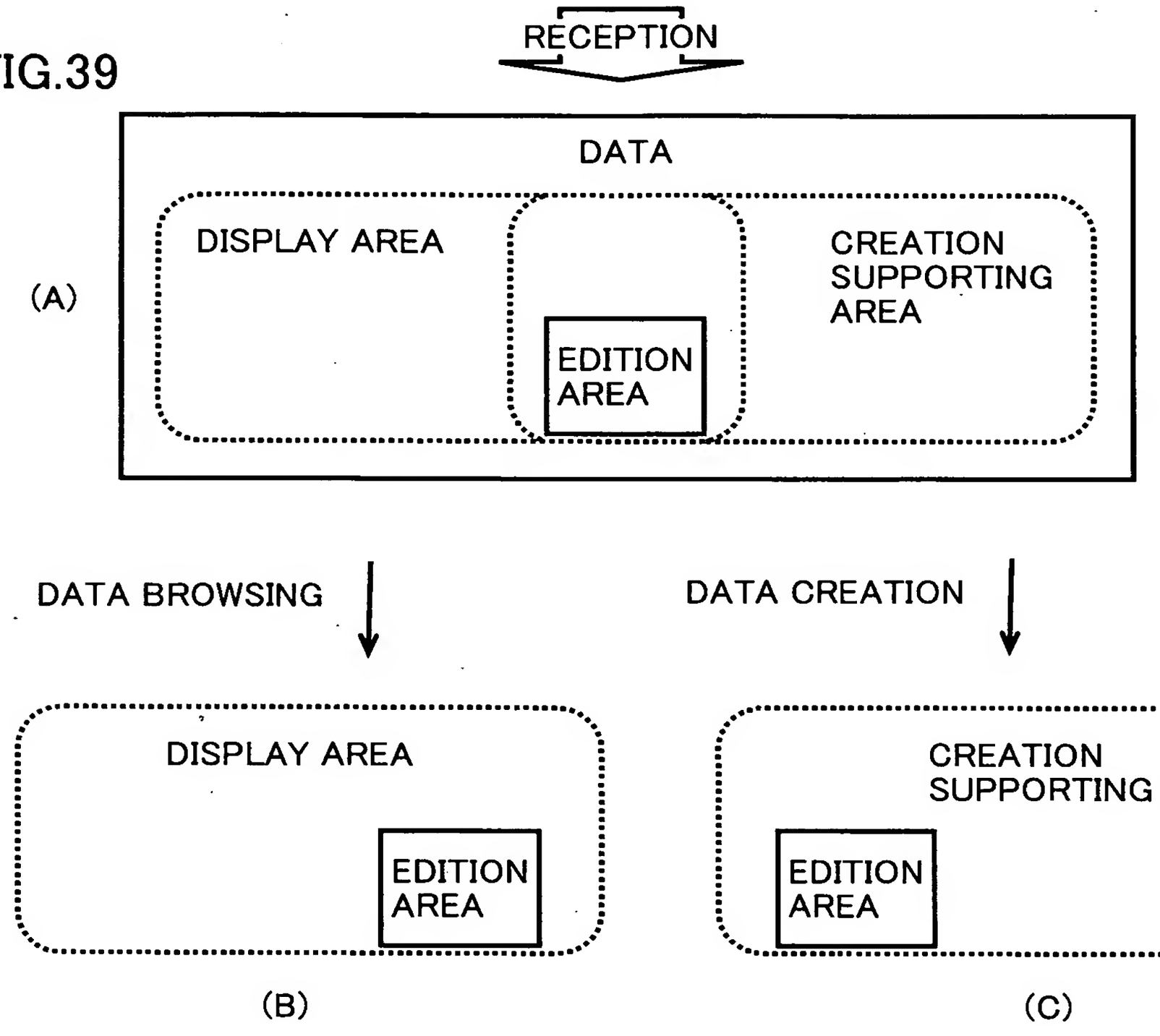

RECEPTION
DATA
DISPLAY AREA
EDITION AREA
CREATION SUPPORTING AREA
(A)
DATA BROWSING
DISPLAY AREA
EDITION AREA
(B)
DATA CREATION
CREATION SUPPORTING AREA
EDITION AREA
(C)

FIG.40

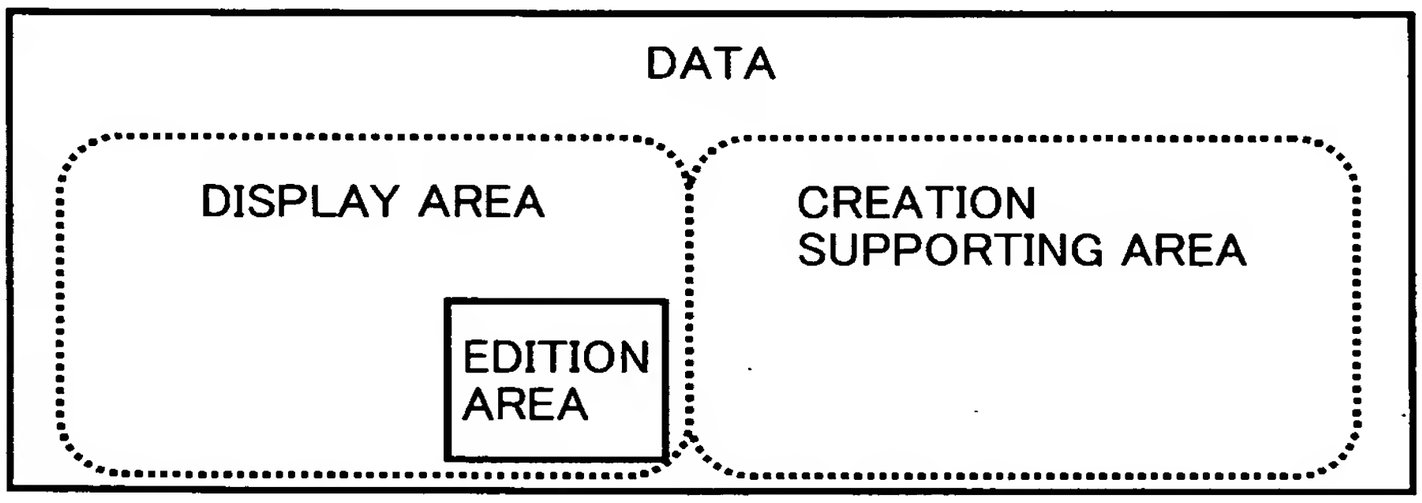

DATA
DISPLAY AREA
EDITION AREA
CREATION SUPPORTING AREA

FIG.41

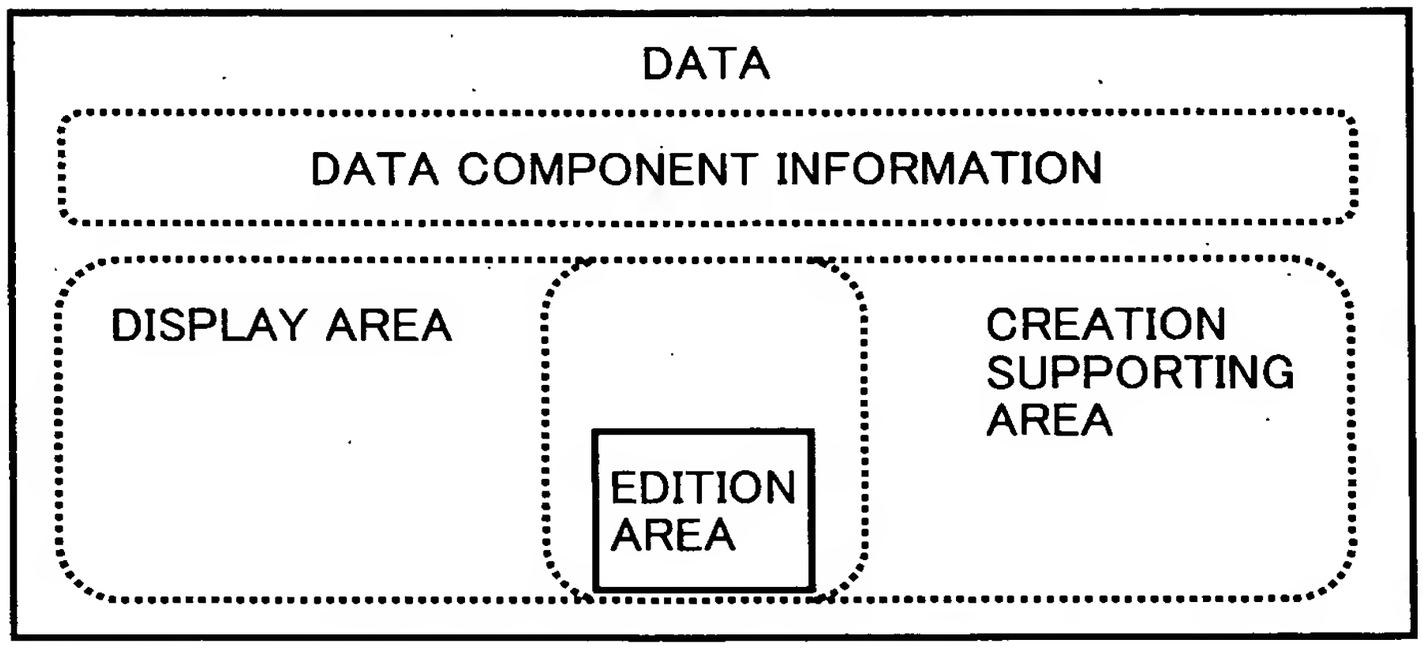
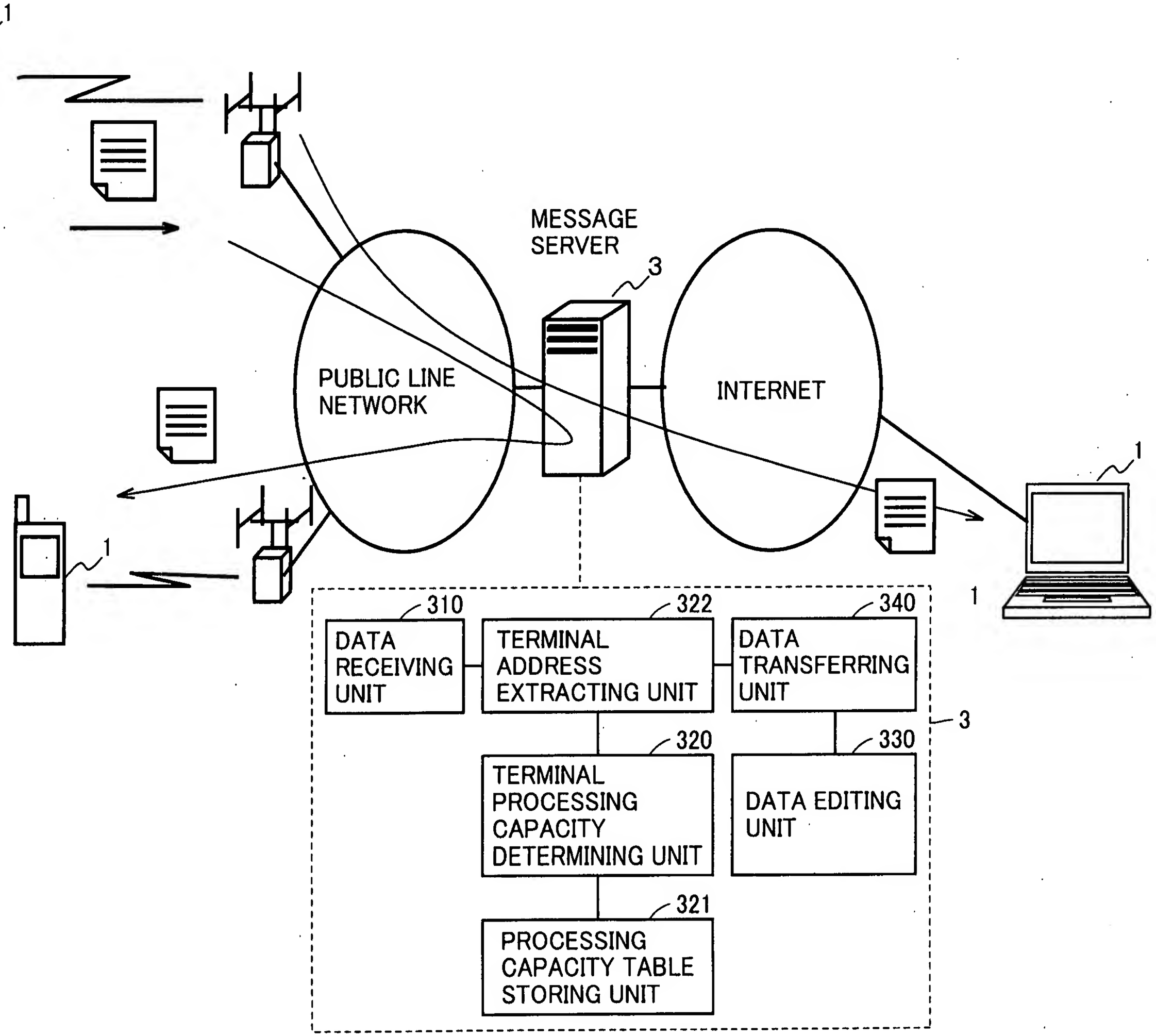

DATA
DATA COMPONENT INFORMATION
DISPLAY AREA
EDITION AREA
CREATION SUPPORTING AREA

FIG.42



App No.: NEW
Inventor: Masahiro CHIBA et al.
Title: DATA PROCESSING DEVICE, DATA PROCESSING METHOD AND DATA PROCESSING PROGRAM
NEW SHEET
Docket No.: 0033-1079PUS1
Sheet 37 of 40

FIG.43

```
1.  <smil>
2.  <head>
3.    <meta name="title" content="Happy Birthday" />
4.    <meta name="author" content="Sharp" />
5.    <meta name="role" content="template" />
6.    <meta name="replace" content="InputtedText.txt:text_edit" />
7.    <meta name="replace" content="InputtedImage.jpg:camera" />
8.    <meta name="replace" content="SecondSound.mp3:mic" />
9.    <layout>
10.     <root-layout width="240" height="300"/>
11.     <region id="Image" width="240" height="240" left="0" top="0" />
12.     <region id="Text" width="240" height="60" left="0" top ="240"/>
13.   </layout>
14. </head>
15. <body>
16.   <par dur = "8s">
17.     <video src = "FirstMovie.mpg" region="Image" />
18.     <text id="text1" src="InputtedText.txt" region="Text" />
19.     <audio src = "FirstSound.smf" />
20.     <guidance desc="ENTER MESSAGE" />
21.   </par>
22.   <par dur = "8s">
23.     <img id="pic2" src = "InputtedImage.jpg" region="Image" />
24.     <text src="SecondText.txt" region="Text" />
25.     <audio id="audio2" src = "SecondSound.mp3" />
26.     <guidance desc="TAKE PICTURE" />
27.     <guidance desc="RECORD VIA MIC" />
28.   </par>
29. </body>
30. </smil>
```

EDITABLE AREA SPECIFYING PORTION

START FUNCTION OR GUIDANCE PORTION

GUIDANCE PORTION

GUIDANCE PORTION

FIG.44

```
1.    <smil>
2.    <head>
3.      <meta name="title" content="Happy Birthday" />
4.      <meta name="author" content="Sharp" />
5.      <meta name="role" content="template" />
6.      <layout>
7.        <root-layout width="240" height="300"/>
8.        <region id="Image" width="240" height="240" left="0" top="0" />
9.        <region id="Text" width="240" height="60" left="0" top ="240"/>
10.     </layout>
11.   </head>
12.   <body>
13.     <par dur = "8s">
14.       <video src = "FirstMovie.mpg" region="Image" />
15.       <text id="text1" src="InputtedText.txt" region="Text"  />
16.       <audio src = "FirstSound.smf" />
17.     </par>
18.     <par dur = "8s">
19.       <img id="pic2" src = "InputtedImage.jpg" region="Image" />
20.       <text src="SecondText.txt" region="Text" />
21.       <audio id="audio2" src = "SecondSound.mp3" />
22.     </par>
23.   </body>
24.   </smil>
```

FIG.45

```
1.  <smil>
2.  <head>
3.    <meta name="title" content="Happy Birthday" />
4.    <meta name="author" content="Sharp" />
5.    <meta name="role" content="template" />
6.    <layout>
7.      <root-layout width="240" height="300"/>
8.      <region id="Image" width="240" height="240" left="0" top="0" />
9.      <region id="Text" width="240" height="60" left="0" top ="240"/>
10.   </layout>
11. </head>
12. <body>
13.   <par dur = "8s">
14.     <video src = "FirstMovie.mpg" region="Image" />
15.     <text id="text1" src="InputtedText.txt" region="Text"  />
16.     <audio src = "FirstSound.smf" />
17.     <guidance desc="ENTER MESSAGE" />          GUIDANCE PORTION
18.   </par>
19.   <par dur = "8s">
20.     <img id="pic2" src = "InputtedImage.jpg" region="Image" />
21.     <text src="SecondText.txt" region="Text" /> "
22.     <audio id="audio2" src = "SecondSound.mp3
23.     <guidance desc="TAKE PICTURE" />
24.     <guidance desc="RECORD VIA MIC" />         GUIDANCE PORTION
25.   </par>
26. </body>
27. </smil>
```